

# 2014Q2 Instruments & Meters

## Industry Analysis Report

2015.02



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**Note:**

HS Code	Product Name	Abbreviation
8423	Weighing machinery (excluding balances of a sensitivity of 50mg or better),including weight operated counting or checking machines; weighing machine weights of all kinds	Weighing machinery (excluding balances of a sensitivity of 50mg or better) and weights
9001	Optical fibres and optical fibre bundles; optical fibre cables,other than those of heading No 85.44; sheets and plates of polarizing material; lenses (including contact lenses),prisms,mirrors and other optical elements,of any material,unmounted,other than above components made of glass not optically worked	Unmounted optical elements, other than above components made of glass not optically worked
9002	Lenses,prisms,mirrors and other optical elements,of any material,mounted,being parts of or fittings for instruments or apparatus,other than such elements of glass not optically worked	Instruments or mounted optical elements, other than such elements of glass not optically worked
9011	Compound optical microscopes, including those for photomicrography cinephotomicrography or microprojection	Compound optical microscopes
9012	Microscopes other than optical microscopes; diffraction apparatus	Microscopes
9013	Liquid crystal devices not constituting articles provided for more specifically in other headings; lasers, other than laser diodes; other optical appliances and instruments, not specified or included elsewhere in this Chapter	Liquid crystal devices not specified, other optical appliances and instruments, not specified or included elsewhere in this Chapter
9014	Direction finding compasses; other navigational instruments and appliances	Direction finding compasses and other navigational instruments
9015	Surveying (including photogrammetrical surveying) hydrographic oceanographic, hydrological, meteorological or geophysical instruments and appliances, excluding compasses; rangefinders	Meteorological or geophysical instruments and appliances, excluding compasses; rangefinders
9016	Balances of a sensitivity of 50 mg or better, with or without weights	Balances of a sensitivity of 50 mg or better
9017	Drawing,markingout or mathematical calculating instruments (for example,drafting machines,pantographs,protractors,drawing sets,slide rules,disc calculators); instruments for measuring length,for use in the hand (for example,measuring rods and tapes,micrometer and caliper)	Drawing,markingout or mathematical calculating instruments and instruments for measuring length,for use in the hand, not specified elsewhere in this Chapter
9024	Machines and appliances for testing the hardness,strength,compressibility elasticity or other mechanical properties of materials (for example,metals,wood,textiles,paper,plastics)	Machines and appliances for testing mechanical properties

9025	Hydrometers and similar floating instruments,thermometers and pyrometers,barometers,hygrometers and psychrometers,recording or not,and any combination of these instruments	Floating instruments, thermometers/barometers/hygrometers and any combination of these instruments
9026	Instruments and apparatus for measuring or checking the flow,level,pressure or other variables of liquids or gases (for example,flow meters,level gauges,manometers,heat meters),excluding instruments and apparatus of heading 90.14,90.15,90.28 or 90.32	Instruments and apparatus for measuring or checking liquids or gases
9027	Instruments and apparatus for physical or chemical analysis (for example,polarimeters,refractometers,spectrometers,gas or smoke analysis apparatus); instruments and apparatus for measuring or checking viscosity,porosity,expansion,surface tension or the like; instruments and apparatus for measuring or checking quantities of heat,sound or light (including exposure meters); microtomes	Instruments and apparatus for physical or chemical analysis
9028	Gas,liquid or electricity supply or production meters,including calibrating meters therefor	Gas,liquid or electricity supply or production meters
9030	Oscilloscopes,spectrum analysers and other instruments and apparatus for measuring or checking electrical quantities,excluding meters of heading 90.28; instruments and apparatus for measuring or detecting alpha,beta,gamma,Xray,cosmic or other ionising	Apparatus for measuring or checking electrical quantities, instruments and apparatus for measuring or detecting alpha, cosmic or other ionising
9031	Measuring or checking instruments,appliances and machines,not specified or included elsewhere in this Chapter; profile projectors	Measuring or checking instruments, not specified or included elsewhere in this Chapter; profile projectors
9032	Automatic regulating or controlling instruments and apparatus	Automatic regulating or controlling instruments and apparatus
9033	Parts and accessories (not specified or included elsewhere in this Chapter) for machines, appliances, instruments or apparatus of Chapter 90	Parts and accessories not specified elsewhere in this Chapter for apparatus of Chapter 90

### 1. China Instruments & Meters Export Enterprises Distribution

- China Instruments & Meters Exports from Jan. to June 2014 (By export value)

Product Name	Unit	Volume	Value (USD)	Compared with the same period last year	
				Volume	Value
9013 Liquid crystal devices not specified, other optical appliances and instruments, not specified or included else where in this Chapter	-	1,221,008,348	8,410,210,28	-35.9%	-9.1%
9001 Unmounted optical elements, other than above components made of glass not optically worked	-	630,703,650	2,105,275,10	23.5%	24.3%
9032 Automatic regulating or controlling instruments and apparatus	-	207,56,372	1,592,060,095	3.1%	22.6%
9031 Measuring or checking instruments, not specified or included elsewhere in this Chapter; profile projectors	-	108,952,402	1,108,423,000	26.5%	21.5%
9002 Instruments or mounted optical elements, other than such elements of glass not optically worked	Kg	2,892,559	1,082,869,548	-11.5%	-21.9%
9027 Instruments and apparatus for physical or chemical analysis	-	10,073,394	763,977,481	-4%	6.9%
9026 Instruments and apparatus for measuring or checking liquids or gases	-	16,629,533	738,105,399	9.7%	6.3%
9030 Apparatus for measuring or checking electrical quantities, instruments and apparatus for measuring or detecting alpha, cosmic or other ionising	-	42,226,703	723,731,425	69.9%	29.8%
8423 Weighing machinery (excluding balances of a sensitivity of 50mg or better) and weights	-	72,210,200	552,279,027	5.4%	6.3%
9028 Gas,liquid or electricity supply or production meters	-	33,555,959	487,282,881	3.5%	1.7%
9025 Floating instruments, thermometers/ barometers/hygrometers and any combination of these instruments	-	211,75,256	437,238,928	7.2%	33.5%
9017 Drawing,markingout or mathematical calculating instruments and instruments for measuring length,for use in the hand, not specified else where in this Chapter	-	756,048,352	370,932,68	7.5%	5.6%



9015 Meteorological or geo physical instruments and appliances, excluding compasses; rangefinders	-	8,281,537	323,599,804	7%	-6.9%
9033 Parts and accessories not specified elsewhere in this Chapter for apparatus of Chapter 90	Kg	4,703,532	28,957,852	-1.8%	2.1%
9011 Compound optical microscopes	-	1,904,636	109,794,105	22.6%	9.6%
9024 Machines and appliances for testing mechanical properties	-	553,608	39,842,695	24.2%	-3.2%
9014 Direction finding compasses and other navigational instruments	-	5,698,867	33,58,385	-46%	-22.6%
9016 Balances of a sensitivity of 50 mg or better	Set	476,382	7,487,026	57.3%	7.2%
9012 Microscopes	-	82,972	4,256,202	-34.4%	40.2%

### 1.1. China Weighing Machinery (Excluding Balances of a Sensitivity of 50mg or better) and Weights (HS: 8423) Export Enterprises Distribution from Jan. to June 2014 (by Export Value)

Regions	Total Export Value from Jan. to June (100 million dollars)	Percentage
Guangdong	1.99	36.02%
Zhejiang	1.25	22.60%
Jiangsu	1.06	19.26%
Shanghai	0.65	11.79%
Fujian	0.21	3.77%

As can be seen from export data of Jan.-June 2014, our country's major original places of exported weighing machinery (excluding balances of a sensitivity of 50mg or better) and weights are Guangdong, Zhejiang and Jiangsu. The export value of Guangdong accounted for 36.02% of the total export value of our country.

### 1.2. China Instruments or Mounted Optical Elements, other than such Elements of Glass not optically Worked (HS: 9002) Export Enterprises Distribution from Jan. to June 2014 (by export value)

Regions	Total Export Value from Jan. to June (100 million dollars)	Percentage
Guangdong	5.55	51.22%
Fujian	1.31	12.08%
Jiangsu	1.05	9.72%
Tianjin	0.71	6.56%
Shanghai	0.58	5.36%

As can be seen from export data of Jan.-June 2014, our country's major original places of exported instruments or mounted optical elements, other than such elements of glass not optically worked are Guangdong, Fujian and Jiangsu. The export value of Guangdong accounted for 51.22% of the total export value of our country.

### 1.3. China Liquid Crystal Devices not Specified, other Optical Appliances and Instruments, not Specified or Included Else Where in this Chapter (HS: 9013) Export Enterprises Distribution from Jan. to June 2014 (by export value)

Regions	Total Export Value from Jan. to June (100 million dollars)	Percentage
Guangdong	61.12	37.23%
Jiangsu	47.36	28.84%
Fujian	17.46	10.64%
Shanghai	14.52	8.84%
Zhejiang	5.85	3.56%

As can be seen from export data of Jan.-June 2014, our country's major original places of exported liquid crystal devices not specified, other optical appliances and instruments, not specified or included else where in this Chapter are Guangdong, Jiangsu and Fujian. The export value of Guangdong accounted for 37.23% of the total export value of our country, and the export value of Guangdong, Jiangsu and Fujian accounted for more than 3/4 of the total export value of our country.

#### 1.4. China Floating Instruments, Thermometers/Barometers/Hygrometers and any Combination of These Instruments (HS: 9025) Export Enterprises Distribution from Jan. to June 2014 (by export value)

Regions	Total Export Value from Jan. to June (100 million dollars)	Percentage
Guangdong	1.41	32.29%
Sichuan	0.89	20.28%
Zhejiang	0.47	10.82%
Jiangsu	0.45	10.40%
Shanghai	0.38	8.68%

As can be seen from export data of Jan.-June 2014, our country's major original places of exported floating instruments, thermometers/barometers/hygrometers and any combination of these instruments are Guangdong, Sichuan and Zhejiang. The export value of Guangdong accounted for 32.29% of the total export value of our country.

#### 1.5. China Instruments and Apparatus for Measuring or Checking Liquids or Gases (HS: 9026) Export Enterprises Distribution from Jan. to June 2014 (by export value)

Regions	Total Export Value from Jan. to June (100 million dollars)	Percentage
Jiangsu	2.33	31.54%
Shanghai	1.12	15.12%
Guangdong	1.11	14.99%
Zhejiang	0.78	10.53%
Beijing	0.48	6.47%

As can be seen from export data of Jan.-June 2014, our country's major original places of exported instruments and apparatus for measuring or checking liquids or gases are Jiangsu, Shanghai and Guangdong. The export value of Jiangsu accounted for 31.54% of the total export value of our country.

### 1.6. China Instruments and Apparatus for Physical or Chemical Analysis (HS: 9027) Export Enterprises Distribution from Jan. to June 2014 (by export value)

Regions	Total Export Value from Jan. to June (100 million dollars)	Percentage
Shanghai	2.78	36.36%
Guangdong	2.17	28.42%
Jiangsu	1.33	17.41%
Zhejiang	0.37	4.82%
Beijing	0.25	3.30%

As can be seen from export data of Jan.-June 2014, our country's major original places of exported instruments and apparatus for physical or chemical analysis are Shanghai, Guangdong and Jiangsu, the export value of the three regions accounted for more than 80% of the total export value. The export value of Shanghai accounted for 36.36% of the total export value of our country.

### 1.7. China Gas, Liquid or Electricity Supply or Production Meters (HS: 9028) Export Enterprises Distribution from Jan. to June 2014 (by export value)

Regions	Total Export Value from Jan. to June (100 million dollars)	Percentage
Zhejiang	1.94	39.72%
Guangdong	1.40	28.71%
Shanghai	0.36	7.36%
Jiangsu	0.29	5.99%
Jiangxi	0.22	4.45%

As can be seen from export data of Jan.-June 2014, our country's major original places of exported gas, liquid or electricity supply or production meters are Zhejiang, Guangdong and Shanghai, the export value of Zhejiang and Guangdong accounted for 39.72% and 28.71% respectively of the total export value, and the percentage decreased slightly compared with the same period of last year.

### 1.8. China Apparatus for Measuring or Checking Electrical Quantities, Instruments and Apparatus for Measuring or Detecting Alpha, Cosmic or other Ionising (HS: 9030) Export Enterprises Distribution from Jan. to June 2014 (by export value)

Regions	Total Export Value from Jan. to June (100 million dollars)	Percentage
Jiangsu	3.03	41.84%
Guangdong	1.49	20.62%
Shanghai	1.00	13.81%
Beijing	0.62	8.59%
Fujian	0.39	5.37%

As can be seen from export data of Jan.-June 2014, our country's major original places of exported apparatus for measuring or checking electrical quantities, instruments and apparatus for measuring or detecting alpha, cosmic or other ionising are Jiangsu, Guangdong and Shanghai, the export value of the three regions accounted for about 3/4 of the total export value, and the export value of Jiangsu accounted for 41.84% of the total export value.

### 1.9. China Measuring or Checking Instruments, not Specified or Included Elsewhere in this Chapter; Profile Projectors (HS: 9031) Export Enterprises Distribution from Jan. to June 2014 (by export value)

Regions	Total Export Value from Jan. to June (100 million dollars)	Percentage
Guangdong	3.61	30.36%
Jiangsu	2.61	21.95%
Shanghai	2.04	17.16%
Zhejiang	0.86	7.21%
Beijing	0.50	4.19%

As can be seen from export data of Jan.-June 2014, our country's major original places of exported measuring or checking instruments, not specified or included elsewhere in this Chapter; profile projectors are Guangdong, Jiangsu and Shanghai, and the export value of Guangdong accounted for 30.36% of the total export value.

### 1.10. China Automatic Regulating or Controlling Instruments and Apparatus (HS: 9032) Export Enterprises Distribution from Jan. to June 2014 (By export value)

Regions	Total Export Value from Jan. to June (100 million dollars)	Percentage
Guangdong	4.70	29.54%
Shanghai	3.51	22.07%
Jiangsu	2.90	18.20%
Zhejiang	1.13	7.11%
Tianjin	0.78	4.90%

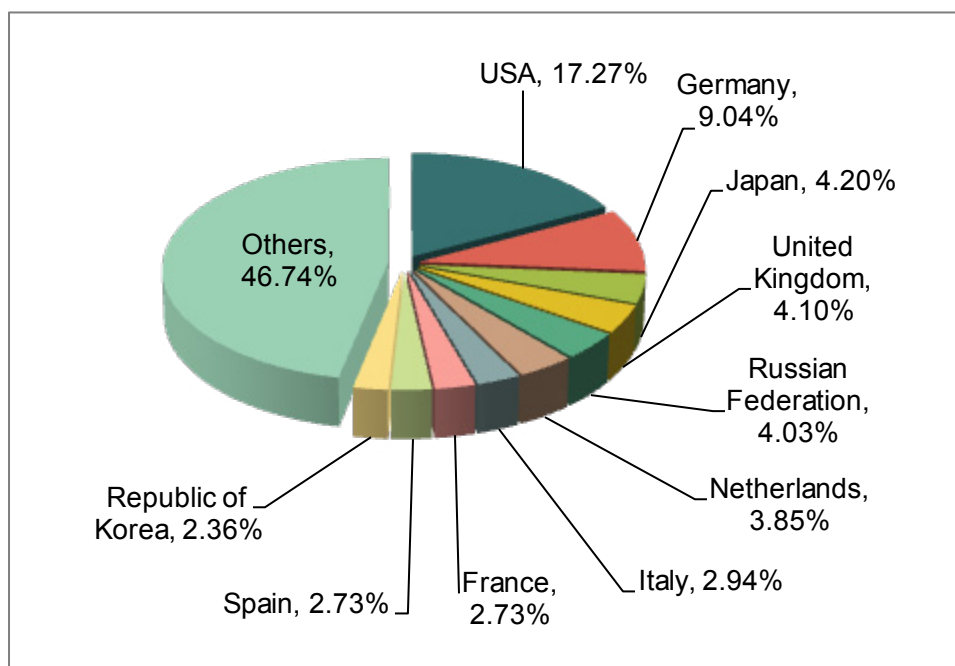
As can be seen from export data of Jan.-June 2014, our country's major original places of exported automatic regulating or controlling instruments and apparatus are Guangdong, Shanghai and Jiangsu, and the export value of Guangdong accounted for 29.54% of the total export value.

Source: Customs Information Network

## 2. China Instruments & Meters Export Volume and Value and Major Export Countries/Regions

### 2.1. China Weighing Machinery (Excluding Balances of a Sensitivity of 50mg or better) and Weights (HS: 8423) Export Volume and Value and Major Export Countries/Regions from Jan. to June 2014 (By export value)

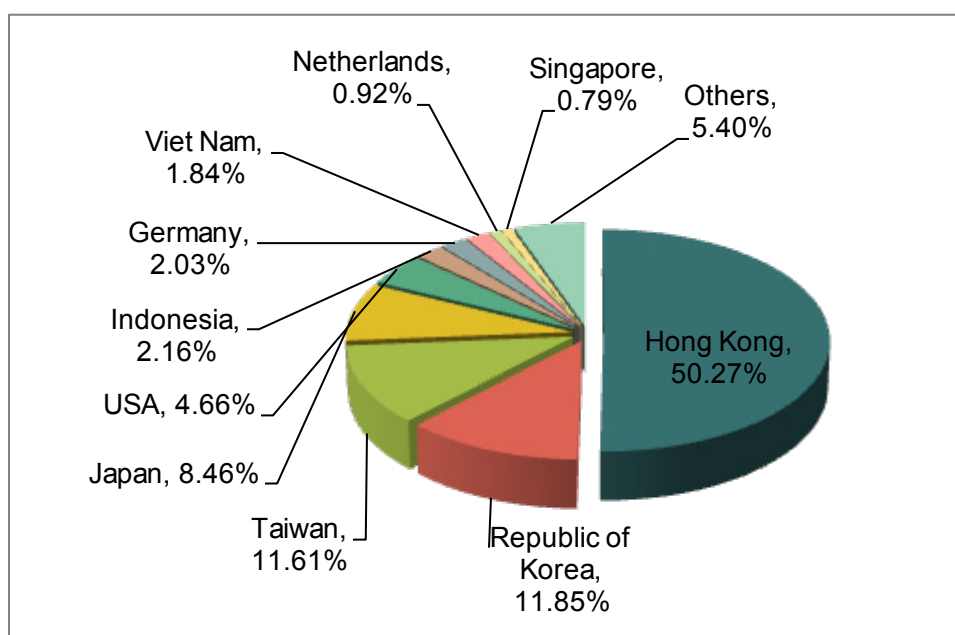
No.	Countries/Regions	Total from Jan. to June		Total Year on Year	
		Volume (-)	Value (USD)	Volume	Value
1	USA	10,312,962	95,372,582	-15.6%	-6%
2	Germany	6,245,082	49,945,390	25.3%	20.4%
3	Japan	3,071,254	23,202,612	-5.6%	0.6%
4	United Kingdom	4,448,074	22,658,914	15.9%	2.2%
5	Russian Federation	3,745,862	22,277,214	39.3%	12.7%
6	Netherlands	3,157,170	21,246,082	18%	29.6%
7	Italy	2,687,504	16,256,771	4.4%	15.3%
8	France	2,394,995	15,091,221	15.5%	4.9%
9	Spain	2,081,820	15,062,208	50.3%	39.3%
10	Republic of Korea	1,604,124	13,020,242	61%	21.6%



Our country's weighing machinery (excluding balances of a sensitivity of 50mg or better) and weights main export countries are the United States, Germany, Japan, the United Kingdom, the Russian Federation, the Netherlands, Italy, France, Spain and the Republic of Korea and etc. from Jan. to June 2014. The United States is the main export market of our country's weighing machinery (excluding balances of a sensitivity of 50mg or better) and weights, and the export value to the United States accounted for 17.27% of our country's total export value of the product.

### 2.2. China Instruments or Mounted Optical Elements, other than Such Elements of Glass not optically Worked (HS: 9002) Export Volume and Value and Major Export Countries/Regions from Jan. to June 2014 (By export value)

No.	Countries/Regions	Total from Jan. to June		Total Year on Year	
		Volume (Kg)	Value (USD)	Volume	Value
1	Hong Kong	1,638,380	544,412,177	-11.8%	-24.1%
2	Republic of Korea	128,566	128,313,859	-5.9%	3.6%
3	Taiwan	76,782	125,747,960	-36.5%	-44.8%
4	Japan	252,123	91,584,866	-10.2%	-16.6%
5	USA	230,355	50,469,305	-14.7%	16.4%
6	Indonesia	84,773	23,427,455	-37.4%	-36.4%
7	Germany	47,440	21,994,594	10.1%	32.5%
8	Viet Nam	63,716	19,941,915	-22%	-5.9%
9	Netherlands	37,268	9,931,823	1.9%	-8.3%
10	Singapore	67,590	8,566,158	94.9%	36.9%

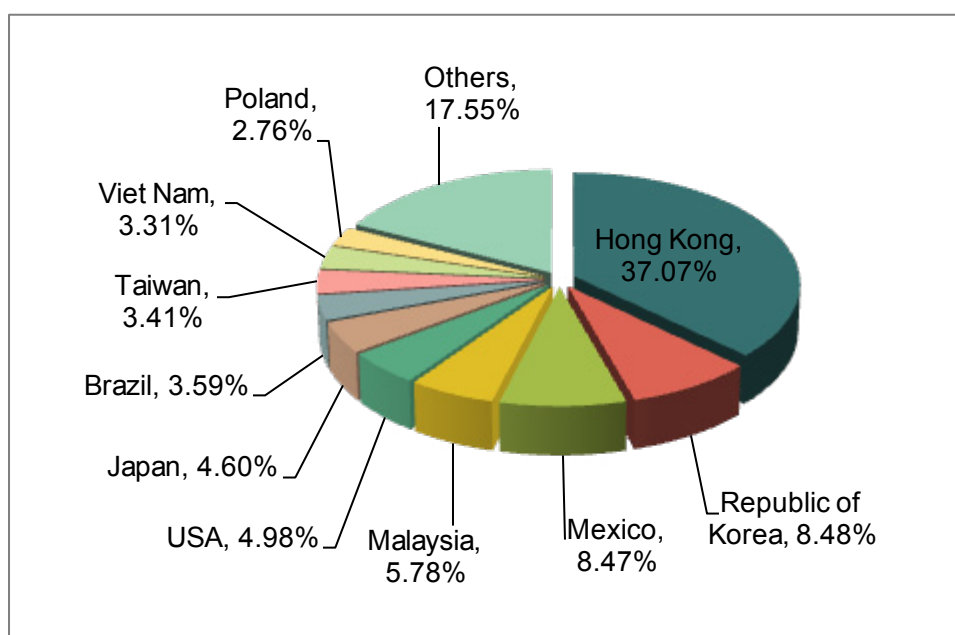


Our country's instruments or mounted optical elements, other than such elements of glass not optically worked main export countries/regions are Hong Kong, the Republic of Korea, Taiwan, Japan, the United States, Indonesia, Germany, Vietnam, the Netherlands and Singapore and etc. from Jan. to June 2014. Hong Kong is the main export market of our country's instruments or mounted optical elements, other than such elements of glass not optically worked, and the export value to Hong Kong accounted for more than half of our country's total export value of the product. The export value to Taiwan decreased by 44.8% compared with the same period of 2013, which was a large decline.



### 2.3. China Liquid Crystal Devices not Specified, other Optical Appliances and Instruments, not Specified or Included Else Where in this Chapter (HS: 9013) Export Volume and Value and Major Export Countries/Regions from Jan. to June 2014 (By export value)

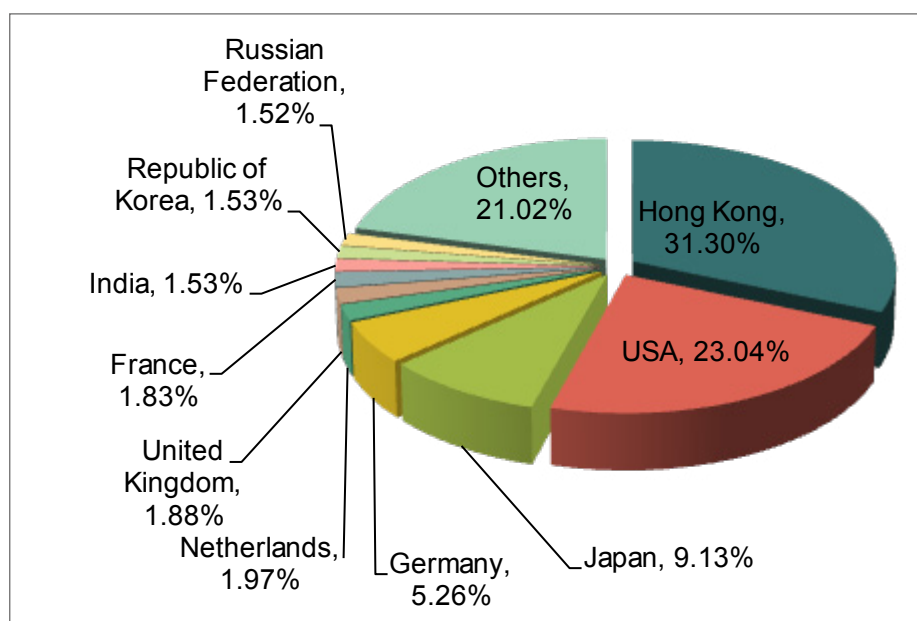
No.	Countries/Regions	Total from Jan. to June		Total Year on Year	
		Volume (-)	Value (USD)	Volume	Value
1	Hong Kong	836,159,352	6,086,360,649	-46.8%	-33.1%
2	Republic of Korea	43,853,830	1,392,658,001	8.3%	-0.9%
3	Mexico	10,655,672	1,391,025,119	32.8%	3.2%
4	Malaysia	12,796,617	949,752,679	50.2%	18%
5	USA	34,612,520	817,351,749	2.7%	-15.1%
6	Japan	45,226,339	754,635,788	3.5%	8%
7	Brazil	10,759,024	589,619,422	-10.1%	-15.7%
8	Taiwan	64,596,999	560,288,609	-1.3%	16.1%
9	Viet Nam	55,516,759	543,392,653	137.7%	27.4%
10	Poland	4,141,027	452,776,611	14.2%	-2.8%



Our country's liquid crystal devices not specified, other optical appliances and instruments, not specified or included else where in this Chapter main export countries/regions are Hong Kong, the Republic of Korea, Mexico, Malaysia, the United States, Japan, Brazil, Taiwan, Vietnam and Poland and etc. from Jan. to June 2014. Hong Kong is the main export market of our country's liquid crystal devices not specified, other optical appliances and instruments, not specified or included else where in this Chapter, and the export value to Hong Kong accounted for 37.07% of our country's total export value of the product.

### 2.4. China Floating Instruments, Thermometers/Barometers/Hygrometers and any Combination of these Instruments (HS: 9025) Export Volume and Value and Major Export Countries/Regions from Jan. to June 2014 (By export value)

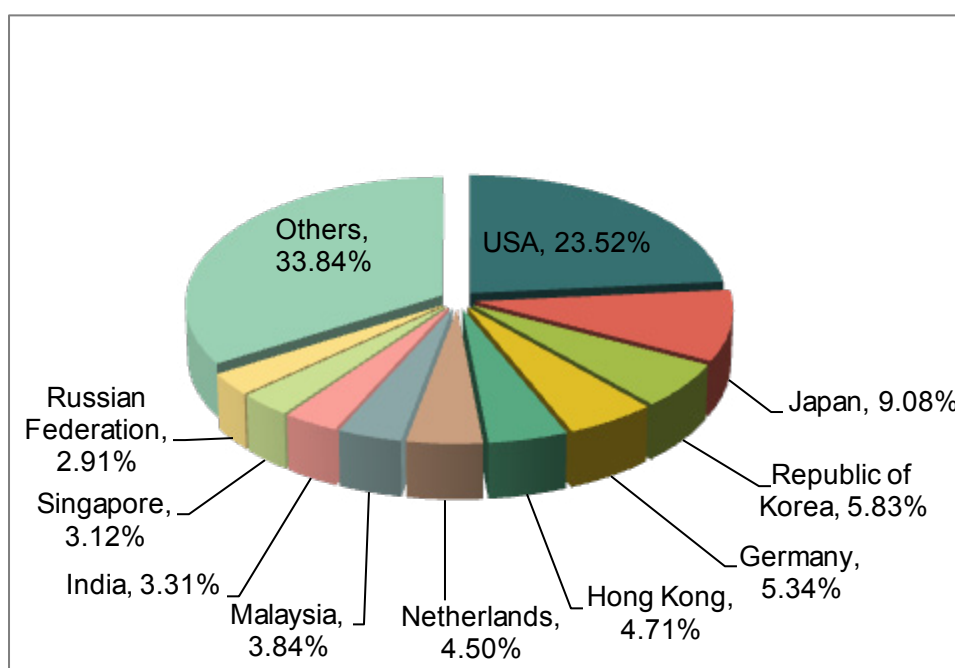
No.	Countries/Regions	Total from Jan. to June		Total Year on Year	
		Volume (-)	Value (USD)	Volume	Value
1	Hong Kong	42,992,868	136,855,965	86.4%	186.6%
2	USA	31,291,687	100,725,361	-9%	4.2%
3	Japan	24,803,621	39,902,729	58.8%	10.3%
4	Germany	9,924,479	22,996,538	-4.8%	10.9%
5	Netherlands	3,833,170	8,614,957	-7.3%	-12.9%
6	United Kingdom	3,093,365	8,233,694	9%	34.1%
7	France	5,470,955	7,987,553	25.2%	21.4%
8	India	4,483,327	6,690,357	7.5%	31.1%
9	Republic of Korea	1,591,213	6,669,034	50.1%	77.9%
10	Russian Federation	10,967,373	6,663,660	-12.9%	15.8%



Our country's floating instruments, thermometers/barometers/hygrometers and any combination of these instruments main export countries/regions are Hong Kong, the United States, Japan, Germany, the Netherlands, the United Kingdom, France, India, the Republic of Korea, and the Russian Federation and etc. from Jan. to June 2014. Hong Kong and the United States are the main export markets of our country's floating instruments, thermometers/barometers/hygrometers and any combination of these instruments, and the export value to Hong Kong and the United States accounted for 31.3% and 23.04% of our country's total export value of the product respectively. In Jan.-June 2013, our country's export value to Hong Kong increased by 186.6% YOY, which was the highest increase among our country's top 10 export markets.

### 2.5. China Instruments and Apparatus for Measuring or Checking Liquids or Gases (HS: 9026) Export Volume and Value and Major Export Countries/Regions from Jan. to June 2014 (by export value)

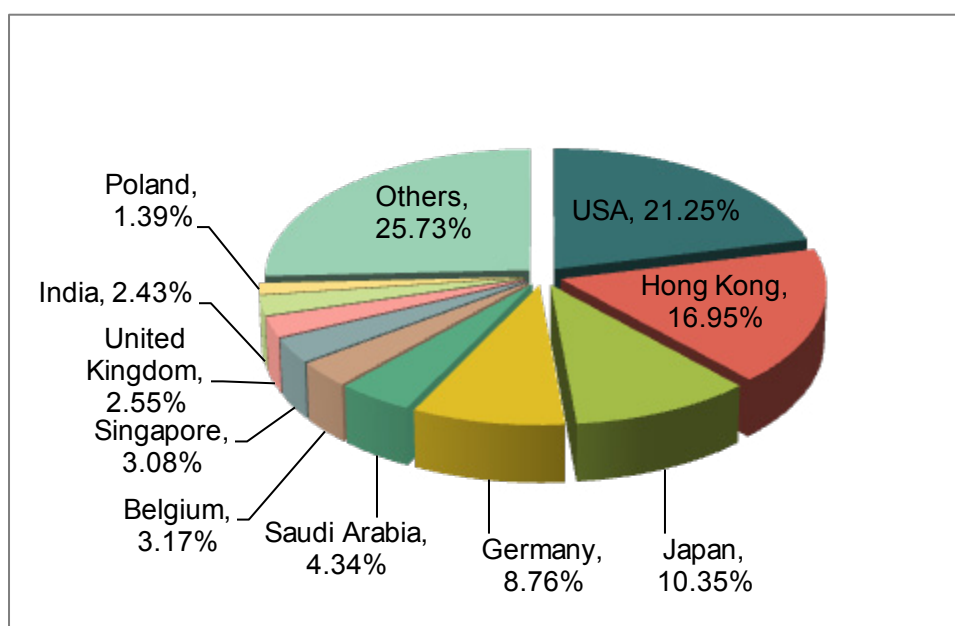
No.	Countries/Regions	Total from Jan. to June		Total Year on Year	
		Volume (-)	Value (USD)	Volume	Value
1	USA	30,714,522	173,587,355	-3.5%	10.1%
2	Japan	7,734,478	67,053,271	23.7%	27.3%
3	Republic of Korea	9,854,029	43,068,759	6.4%	8.7%
4	Germany	6,006,542	39,445,967	68.7%	24.3%
5	Hong Kong	3,385,395	34,775,568	73.4%	-1.4%
6	Netherlands	6,066,398	33,200,726	-1.7%	7.9%
7	Malaysia	5,537,240	28,330,174	16.2%	8.4%
8	India	2,207,008	24,459,103	25%	-2.5%
9	Singapore	524,570	23,004,423	6.9%	-3.9%
10	Russian Federation	4,111,839	21,488,359	-17.7%	35.6%



Our country's instruments and apparatus for measuring or checking liquids or gases main export countries/regions are the United States, Japan, the Republic of Korea, Germany, Hong Kong, the Netherlands, Malaysia, India, Singapore and the Russian Federation and etc. from Jan. to June 2014. The United States is the main export market of our country's instruments and apparatus for measuring or checking liquids or gases, and the export value to the United States accounted for 23.52% of our country's total export value of the product.

### 2.6. China Instruments and Apparatus for Physical or Chemical Analysis (HS: 9027) Export Volume and Value and Major Export Countries/Regions from Jan. to June 2014 (by export value)

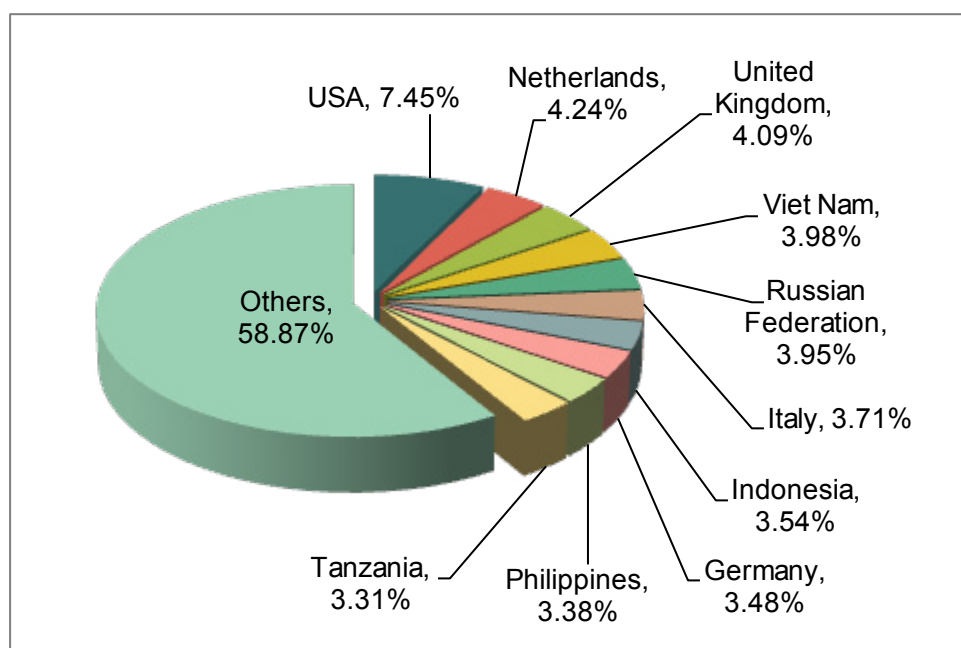
No.	Countries/Regions	Total from Jan. to June		Total Year on Year	
		Volume (-)	Value (USD)	Volume	Value
1	USA	5,336,065	162,332,793	9.5%	6.4%
2	Hong Kong	1,516,092	129,526,591	13.9%	5.3%
3	Japan	3,529,794	79,069,507	35.8%	43.8%
4	Germany	1,441,990	66,928,834	31.4%	7.3%
5	Saudi Arabia	17,877	33,145,008	-89.5%	1748.9%
6	Belgium	1,333,000	24,206,642	-3%	-6.2%
7	Singapore	725,753	23,493,008	-41%	15%
8	United Kingdom	175,438	19,474,660	-8.7%	34.3%
9	India	324,644	18,582,556	-49.8%	-7.3%
10	Poland	756,288	10,630,879	-31%	-14.3%



Our country's instruments and apparatus for physical or chemical analysis main export countries/regions are the United States, Hong Kong, Japan, Germany, Saudi Arabia, Belgium, Singapore, the United Kingdom, India and Poland and etc. from Jan. to June 2014. The United States is the main export market of our country's instruments and apparatus for physical or chemical analysis, and the export value to the United States accounted for 21.25% of our country's total export value of the product. Our country's export value to Saudi Arabia increased by 1748.9% YOY, which was the highest increase among our country's top 10 export markets.

### 2.7. China Gas, Liquid or Electricity Supply or Production Meters (HS: 9028) Export Volume and Value and Major Export Countries/Regions from Jan. to June 2014 (by export value)

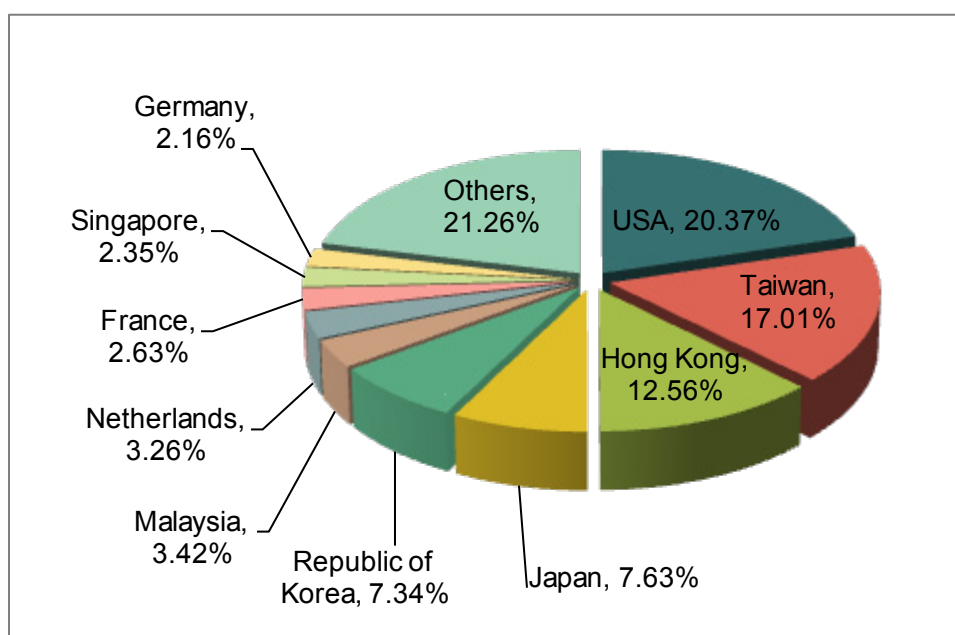
No.	Countries/Regions	Total from Jan. to June		Total Year on Year	
		Volume (-)	Value (USD)	Volume	Value
1	USA	2,287,872	36,311,582	8.7%	-0.5%
2	Netherlands	217,126	20,638,962	111%	2144.3%
3	United Kingdom	1,047,003	19,912,085	38.9%	24.9%
4	Viet Nam	1,529,354	19,384,867	38.7%	71.1%
5	Russian Federation	2,497,872	19,239,837	-9.1%	-20.8%
6	Italy	845,535	18,094,862	0.8%	-18.4%
7	Indonesia	1,140,144	17,241,998	-47.7%	-48%
8	Germany	1,324,212	16,981,226	-28.2%	-32.6%
9	Philippines	2,036,816	16,477,441	28.2%	34.9%
10	Tanzania	327,850	16,118,864	286.9%	639%



Our country's gas, liquid or electricity supply or production meters main export countries are the United States, the Netherlands, the United Kingdom, Vietnam, the Russian Federation, Italy, Indonesia, Germany, the Philippines and Tanzania and etc. from Jan. to June 2014. The United States is the main export market of the product, and the export value to the United States accounted for 7.45% of our country's total export value of the product. Our country's export value to the Netherlands and Tanzania increased by 2144.3% and 639% YOY respectively, which was the highest increase among our country's top 10 export markets.

### 2.8. China Apparatus for Measuring or Checking Electrical Quantities, Instruments and Apparatus for Measuring or Detecting Alpha, Cosmic or other Ionising (HS: 9030) Export Volume and Value and Major Export Countries/Regions from Jan. to June 2014 (by export value)

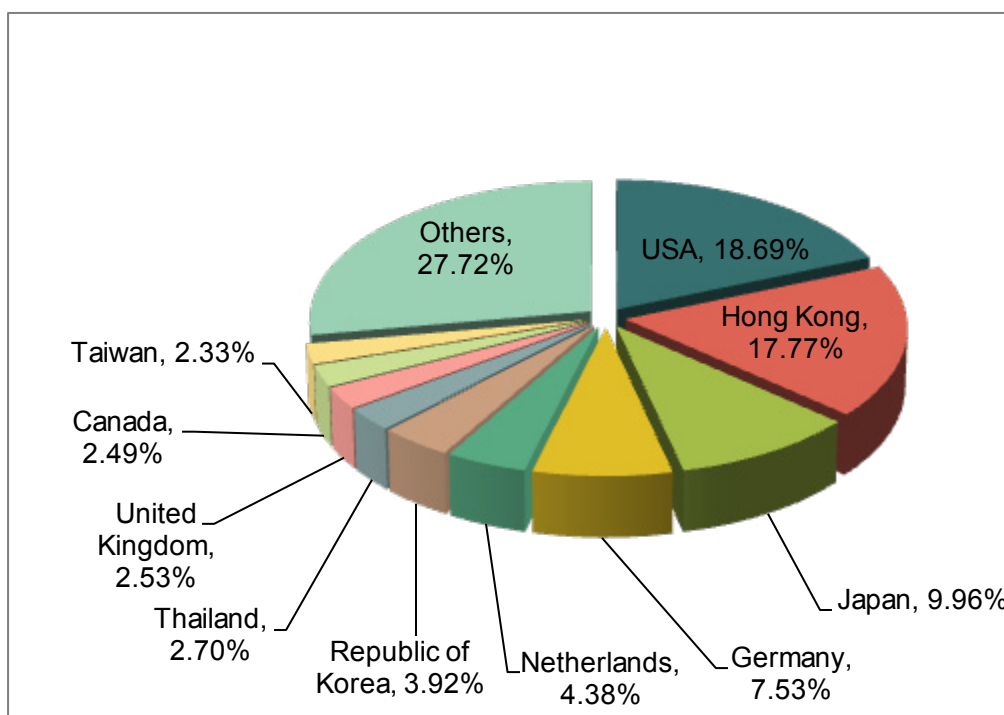
No.	Countries/Regions	Total from Jan. to June		Total Year on Year	
		Volume (-)	Value (USD)	Volume	Value
1	USA	9,662,590	147,460,020	69%	-4.7%
2	Taiwan	702,401	123,127,955	-4.3%	253.3%
3	Hong Kong	3,178,206	90,898,198	14.9%	11.7%
4	Japan	2,665,438	55,225,258	135.1%	3.7%
5	Republic of Korea	470,965	53,107,872	289%	181.2%
6	Malaysia	1,053,810	24,769,935	94.9%	67.6%
7	Netherlands	335,320	23,576,410	-29.1%	-16.4%
8	France	2,313,441	19,005,419	310.2%	23.8%
9	Singapore	505,541	17,009,635	198.5%	-32.8%
10	Germany	1,304,798	15,662,640	28.1%	5.3%



Our country's apparatus for measuring or checking electrical quantities, instruments and apparatus for measuring or detecting alpha, cosmic or other ionising main export countries/regions are the United States, Taiwan, Hong Kong, Japan, the Republic of Korea, Malaysia, the Netherlands, France, Singapore and Germany and etc. from Jan. to June 2014. The United States is the main export market of apparatus for measuring or checking electrical quantities, instruments and apparatus for measuring or detecting alpha, cosmic or other ionising, and the export value to the United States accounted for 20.37% of our country's total export value of the product. Our country's export value to Taiwan and the Republic of Korea increased by 253.3% and 181.2% YOY respectively in the first half year of 2014, which were large increase.

### 2.9. China Measuring or Checking Instruments, not Specified or Included Elsewhere in this Chapter; Profile Projectors (HS: 9031) Export Volume and Value and Major Export Countries/Regions from Jan. to June 2014 (by export value)

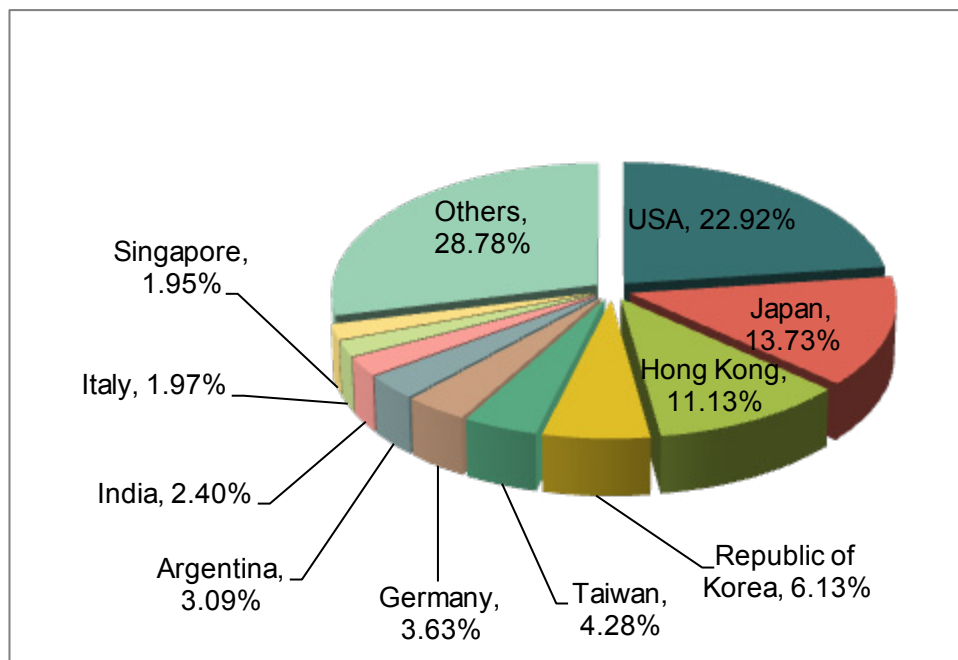
No.	Countries/Regions	Total from Jan. to June		Total Year on Year	
		Volume (-)	Value (USD)	Volume	Value
1	USA	27,218,523	222,111,057	10.6%	14%
2	Hong Kong	13,266,226	211,173,529	48.1%	86.2%
3	Japan	30,237,128	118,321,159	-10.8%	6.9%
4	Germany	38,944,324	89,502,316	117.1%	53.4%
5	Netherlands	5,740,178	52,060,291	13%	24.5%
6	Republic of Korea	9,392,356	46,527,989	29%	35.2%
7	Thailand	2,873,817	32,033,523	-10.3%	19.3%
8	United Kingdom	2,242,864	30,030,557	17.4%	27.3%
9	Canada	1,057,234	29,584,930	22.5%	-4%
10	Taiwan	2,878,949	27,689,025	-3.5%	-0.6%



Our country's measuring or checking instruments, not specified or included elsewhere in this Chapter; profile projectors main export countries/regions are the United States, Hong Kong, Japan, Germany, the Netherlands, the Republic of Korea, Thailand, the United Kingdom, Canada, and Taiwan and etc. from Jan. to June 2014. The United States and Hong Kong are the main export markets of measuring or checking instruments, not specified or included elsewhere in this Chapter; profile projectors, and the export value to the United States and Hong Kong accounted for 18.69% and 17.77% of our country's total export value of the product.

### 2.10. China Automatic Regulating or Controlling Instruments and Apparatus (HS: 9032) Export Volume and Value and Major Export Countries/Regions from Jan. to June 2014 (by export value)

No.	Countries/Regions	Total from Jan. to June		Total Year on Year	
		Volume (-)	Value (USD)	Volume	Value
1	USA	31,457,329	364,841,455	26.6%	27.3%
2	Japan	11,384,057	218,545,776	11.3%	22.9%
3	Hong Kong	39,050,266	177,126,575	-8%	24.6%
4	Republic of Korea	7,244,375	97,661,969	-12.8%	-7.6%
5	Taiwan	1,363,489	68,119,260	-35.6%	160.1%
6	Germany	6,181,687	57,779,697	18.7%	16.4%
7	Argentina	823,329	49,169,618	-11%	2032.6%
8	India	8,096,471	38,178,193	11.7%	7.9%
9	Italy	4,928,896	31,334,292	17.9%	24.6%
10	Singapore	1,322,497	31,069,415	16.4%	22.7%



Our country's automatic regulating or controlling instruments and apparatus main export countries/regions are the United States, Japan, Hong Kong, the Republic of Korea, Taiwan, Germany, Argentina, India, Italy and Singapore and etc. from Jan. to June 2014. The United States is the main export markets of automatic regulating or controlling instruments and apparatus, and the export value to the United States accounted for 22.92% of our country's total export value of the product. Our country's export value to Argentina increased by 2032.6% YOY, which was the highest increase.

Source: Customs Information Network



### 3. Global Instruments & Meters Major Import Countries Situation in 2013

#### 3.1. Weighing Machinery (Excluding Balances of a Sensitivity of 50mg or better) and weights (HS: 8423) Major Import Countries in 2013 (by import value)

Import Countries/Regions	Import Value (Thousand USD)	Compared with the same period last year
Total	3,821,449	2.68%
USA	724,529	-1.75%
Germany	252,675	-4.50%
United Kingdom	184,204	8.48%
France	170,530	3.08%
Italy	120,331	11.69%

Global import value of weighing machinery (excluding balances of a sensitivity of 50mg or better) and weights in 2013 amounted to 3.821 billion US dollars, an increase of 2.68%. The United States' import value of the product amounted to 725 million US dollars, which is global most important import country of weighing machinery (excluding balances of a sensitivity of 50mg or better) and weights.

#### 3.2. Instruments or Mounted Optical Elements, other than such Elements of Glass not optically Worked (HS: 9002) Major Import Countries in 2013 (By import value)

Import Countries/Regions	Import Value (Thousand USD)	Compared with the same period last year
Total	15,390,053	13.58%
China	3,273,799	30.24%
Hong Kong	2,473,251	73.96%
Netherlands	1,748,344	29.09%
USA	1,523,462	-9.73%
Republic of Korea	1,041,474	22.13%

Note: the yellow fonts are mirror data.

Global import value of instruments or mounted optical elements, other than such elements of glass not optically worked in 2013 amounted to 15.39 billion US dollars, an increase of 13.58%. China's import value of the product amounted to 3.274 billion US dollars, which is global main import country.

### 3.3. Liquid Crystal Devices not Specified, other Optical Appliances and Instruments, not Specified or Included Else Where in this Chapter (HS: 9013) Major Import Countries in 2013 (by import value)

Import Countries/Regions	Import Value (Thousand USD)	Compared with the same period last year
Total	97,666,963	19.34%
China	55,521,087	-0.62%
Hong Kong	20,226,804	293.19%
Mexico	3,226,298	1.20%
Republic of Korea	2,814,045	-13.07%
USA	2,551,825	0.48%

Note: the yellow fonts are mirror data.

Global import value of liquid crystal devices not specified, other optical appliances and instruments, not specified or included else where in this Chapter in 2013 amounted to 97.667 billion US dollars, an increase of 19.34%. China's import value of the product amounted to 55.521 billion US dollars, accounting for 56.85% of global total import value, which is global largest demanding country. In 2013, Hong Kong's import value of the product increased by 293.19%, which was a large increase.

### 3.4. Floating Instruments, Thermometers/Barometers/Hygrometers and any Combination of these Instruments (HS: 9025) Major Import Countries in 2013 (by import value)

Import Countries/Regions	Import Value (Thousand USD)	Compared with the same period last year
Total	4,864,502	4.67%
USA	757,108	6.80%
Germany	504,344	8.69%
China	426,679	21.17%
Japan	198,180	-0.23%
Hong Kong	189,495	42.20%

Note: the yellow fonts are mirror data.

Global import value of floating instruments, thermometers/barometers/hygrometers and any combination of these instruments in 2013 amounted to 4.865 billion US dollars, an increase of 4.67%. The United States' import value of the product amounted to 757 million US dollars, accounting for 15.56% of global total import value, which is global main demanding country.

### 3.5. Instruments and Apparatus for Measuring or Checking Liquids or Gases (HS: 9026) Major Import Countries in 2013 (by import value)

Import Countries/Regions	Import Value (Thousand USD)	Compared with the same period last year
Total	20,813,901	7.83%
USA	2,913,726	2.92%
China	2,124,257	13.80%
Germany	1,799,995	4.52%
United Kingdom	967,690	14.95%
Canada	799,975	-1.89%

Global import value of instruments and apparatus for measuring or checking liquids or gases in 2013 amounted to 20.814 billion US dollars. The United States' import value of the product amounted to 2.914 billion US dollars, accounting for 14% of global total import value, which is global main import country.

### 3.6. Instruments and Apparatus for Physical or Chemical Analysis (HS: 9027) Major Import Countries in 2013 (by import value)

Import Countries/Regions	Import Value (Thousand USD)	Compared with the same period last year
Total	39,653,138	5.37%
China	6,255,973	15.83%
USA	5,348,202	0.10%
Germany	3,533,721	-4.16%
Japan	1,570,447	-0.40%
France	1,311,344	-0.10%

Global import value of instruments and apparatus for physical or chemical analysis in 2013 amounted to 39.653 billion US dollars. China's import value of the product amounted to 6.256 billion US dollars, which is global largest import country.

### 3.7. Gas, Liquid or Electricity Supply or Production Meters (HS: 9028) Major Import Countries in 2013 (by import value)

Import Countries/Regions	Import Value (Thousand USD)	Compared with the same period last year
Total	6,114,268	-1.32%
USA	885,180	-4.37%
Mexico	382,835	46.04%
Germany	323,628	3.94%
Canada	280,793	-12.34%
United Kingdom	261,328	-3.43%

Global import value of gas, liquid or electricity supply or production meters in 2013 amounted to 6.114 billion US dollars, a decrease of 1.32%. The United States' import value of the product amounted to 885 million US dollars, which is global largest import country.

### 3.8. Apparatus for Measuring or Checking Electrical Quantities, Instruments and Apparatus for Measuring or Detecting Alpha, Cosmic or other Ionising (HS: 9030) Major Import Countries in 2013 (by import value)

Import Countries/Regions	Import Value (Thousand USD)	Compared with the same period last year
Total	23,946,589	-5.71%
China	4,417,002	-6.80%
USA	3,116,347	-4.31%
Taiwan	2,455,118	-3.80%
Republic of Korea	1,356,519	-24.76%
Singapore	1,097,013	4.57%

Global import value of apparatus for measuring or checking electrical quantities, instruments and apparatus for measuring or detecting alpha, cosmic or other ionising in 2013 amounted to 23.947 billion US dollars, a decrease of 5.71%. China's import value of the product amounted to 4.417 billion US dollars, which is global most important import country.

### 3.9. Measuring or Checking Instruments, not Specified or Included Elsewhere in this Chapter; Profile Projectors (HS: 9031) Major Import Countries in 2013 (by import value)

Import Countries/Regions	Import Value (Thousand USD)	Compared with the same period last year
Total	38,016,371	0.89%
China	7,389,476	0.76%
USA	4,567,573	8.07%
Germany	2,986,218	4.64%
Republic of Korea	1,990,181	-15.12%
Japan	1,792,618	-5.49%

Global import value of measuring or checking instruments, not specified or included elsewhere in this Chapter; profile projectors in 2013 amounted to 38.016 billion US dollars, an increase of 0.89%. China's import value of the product amounted to 7.389 billion US dollars, which is global largest demanding country.

### 3.10. Automatic Regulating or Controlling Instruments and Apparatus (HS: 9032) Major Import Countries in 2013 (by import value)

Import Countries/Regions	Import Value (Thousand USD)	Compared with the same period last year
Total	35,859,495	1.82%
China	4,852,823	-3.88%
USA	4,488,884	-0.02%
Germany	2,827,684	0.63%
United Kingdom	1,677,180	6.41%
Japan	1,500,207	4.74%

Global import value of automatic regulating or controlling instruments and apparatus in 2013 amounted to 35.859 billion US dollars, an increase of 1.82%. China and the United States' import value of the product accounted for 13.53% and 12.52% respectively, which are global main import countries.

Source: UN Comtrade

## 4. Global Instruments & Meters Major Export Countries Situation in 2013

### 4.1. Weighing Machinery (Excluding Balances of a Sensitivity of 50mg or better) and Weights (HS: 8423) Major Export Countries in 2013 (by export value)

Export Countries/Regions	Export Value (Thousand USD)	Compared with the same period last year
Total	3,882,085	2.68%
China	1,150,158	10.26%
Germany	693,666	2.35%
USA	312,261	4.20%
Japan	206,066	-14.22%
United Kingdom	177,343	-1.69%

China is the most important export country of weighing machinery (excluding balances of a sensitivity of 50mg or better) and weights in 2013, and the export value amounted to 1.15 billion US dollars, accounting for 29.63% of global total export value.

### 4.2. Instruments or Mounted Optical Elements, other than such Elements of Glass not optically Worked (HS: 9002) Major Export Countries in 2013 (by export value)

Export Countries/Regions	Export Value (Thousand USD)	Compared with the same period last year
Total	13,561,209	-3.01%
China	2,917,981	6.40%
Japan	2,654,834	-8.06%
Germany	1,997,330	11.67%
Taiwan	992,323	8.87%
Netherlands	893,113	-2.11%

China is the most important export country of instruments or mounted optical elements, other than such elements of glass not optically worked in 2013, and the export value amounted to 2.918 billion US dollars, accounting for 21.52% of global total export value.

#### 4.3. Liquid Crystal Devices not Specified, other Optical Appliances and Instruments, not Specified or Included else where in this Chapter (HS: 9013) Major Export Countries in 2013 (by export value)

Export Countries/Regions	Export Value (Thousand USD)	Compared with the same period last year
Total	96,141,009	-6.72%
China	38,693,477	-0.06%
Republic of Korea	25,308,783	-8.05%
Taiwan	15,870,968	-5.13%
Japan	6,627,938	-14.97%
USA	2,755,685	6.45%

China is the most important export country of liquid crystal devices not specified, other optical appliances and instruments, not specified or included else where in this Chapter in 2013, and the export value amounted to 38.693 billion US dollars, accounting for 40.25% of global total export value.

#### 4.4. Floating Instruments, Thermometers/Barometers/Hygrometers and any Combination of these Instruments (HS: 9025) Major Export Countries in 2013 (by export value)

Export Countries/Regions	Export Value (Thousand USD)	Compared with the same period last year
Total	4,218,457	2.10%
China	736,127	20.02%
Germany	725,081	8.76%
USA	581,618	-3.61%
Japan	262,791	-12.32%
United Kingdom	215,693	25.32%

China and Germany are the main export countries of floating instruments, thermometers/barometers/hygrometers and any combination of these instruments in 2013, and the export value amounted to 736 million US dollars and 725 million US dollars, accounting for 17.45% and 17.19% of global total export value.

#### 4.5. Instruments and Apparatus for Measuring or Checking Liquids or Gases (HS: 9026) Major Export Countries in 2013 (by export value)

Export Countries/Regions	Export Value (Thousand USD)	Compared with the same period last year
Total	20,144,048	6.59%
Germany	4,155,589	9.40%
USA	3,637,930	2.55%
United Kingdom	1,408,101	11.06%
China	1,371,825	7.99%
Switzerland	1,008,252	0.88%

Germany is global largest export country of instruments and apparatus for measuring or checking liquids or gases in 2013, and the export value amounted to 4.156 billion US dollars, accounting for 20.63% of global total export value. China ranked the forth, and the export value of 2013 amounted to 1.372 billion US dollars, accounting for 6.81% of global total export value.

#### 4.6. Instruments and Apparatus for Physical or Chemical Analysis (HS: 9027) Major Export Countries in 2013 (by export value)

Export Countries/Regions	Export Value (Thousand USD)	Compared with the same period last year
Total	36,093,295	-2.51%
USA	8,397,899	-1.16%
Germany	7,371,613	5.46%
Japan	3,681,616	-12.79%
Singapore	2,198,990	2.76%
United Kingdom	2,024,267	2.35%

The United States is global most important export country of instruments and apparatus for physical or chemical analysis in 2013, and the export value amounted to 8.398 billion US dollars, accounting for 23.27% of global total export value. China ranked the sixth, and the export value of 2013 amounted to 1.425 billion US dollars, accounting for 3.95% of global total export value.



#### 4.7. Gas, Liquid or Electricity Supply or Production Meters (HS: 9028) Major Export Countries in 2013 (by export value)

Export Countries/Regions	Export Value (Thousand USD)	Compared with the same period last year
Total	6,087,750	-1.60%
China	987,768	-11.49%
USA	729,068	-8.38%
Mexico	645,140	-1.50%
Germany	549,477	-0.81%
France	309,718	-7.02%

China is global main export country of gas, liquid or electricity supply or production meters in 2013, and the export value amounted to 988 million US dollars, accounting for 16.23% of global total export value.

#### 4.8. Apparatus for Measuring or Checking Electrical Quantities, Instruments and Apparatus for Measuring or Detecting Alpha, Cosmic or other Ionising (HS: 9030) Major Export Countries in 2013 (by export value)

Export Countries/Regions	Export Value (Thousand USD)	Compared with the same period last year
Total	21,992,691	-10.52%
USA	6,086,760	-0.30%
Germany	2,391,682	-3.08%
Japan	2,234,365	-26.07%
Malaysia	2,085,585	-35.06%
China	1,247,326	3.05%

The United States is global most important export country of apparatus for measuring or checking electrical quantities, instruments and apparatus for measuring or detecting alpha, cosmic or other ionising in 2013, and the export value amounted to 6.087 billion US dollars, accounting for 27.68% of global total export value. China ranked the fifth, and the export value of 2013 amounted to 1.247 billion US dollars, accounting for 5.67% of global total export value.

#### 4.9. Measuring or Checking Instruments, not Specified or Included Elsewhere in this Chapter; Profile Projectors (HS: 9031) Major Export Countries in 2013 (by export value)

Export Countries/Regions	Export Value (Thousand USD)	Compared with the same period last year
Total	35,171,079	-0.12%
Germany	7,815,731	7.88%
USA	5,156,989	-2.16%
Japan	3,350,785	-13.57%
China	2,082,762	5.46%
United Kingdom	1,557,883	6.07%

Germany is global most important export country of measuring or checking instruments, not specified or included elsewhere in this Chapter; profile projectors in 2013, and the export value amounted to 7.816 billion US dollars, accounting for 22.22% of global total export value. China ranked the fourth, and the export value of 2013 amounted to 2.083 billion US dollars, accounting for 5.92% of global total export value.

#### 4.10. Automatic Regulating or Controlling Instruments and Apparatus (HS: 9032) Major Export Countries in 2013 (by export value)

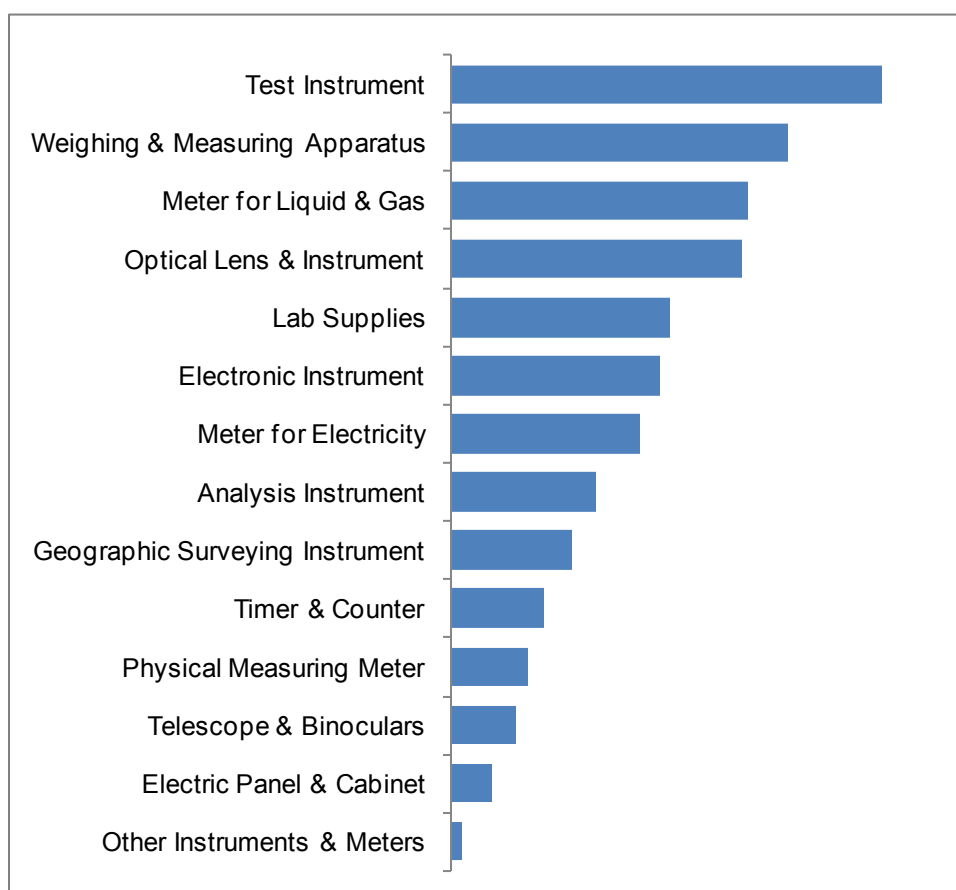
Export Countries/Regions	Export Value (Thousand USD)	Compared with the same period last year
Total	34,651,061	1.41%
Germany	5,742,533	-1.73%
Japan	5,609,758	-5.53%
USA	3,774,549	3.13%
China	2,845,204	10.05%
Hungary	2,047,178	12.14%

Germany is global largest export country of automatic regulating or controlling instruments and apparatus in 2013, and the export value amounted to 5.743 billion US dollars, accounting for 16.57% of global total export value. China ranked the fourth, and the export value of 2013 amounted to 2.845 billion US dollars, accounting for 8.21% of global total export value.

Source: UN Comtrade

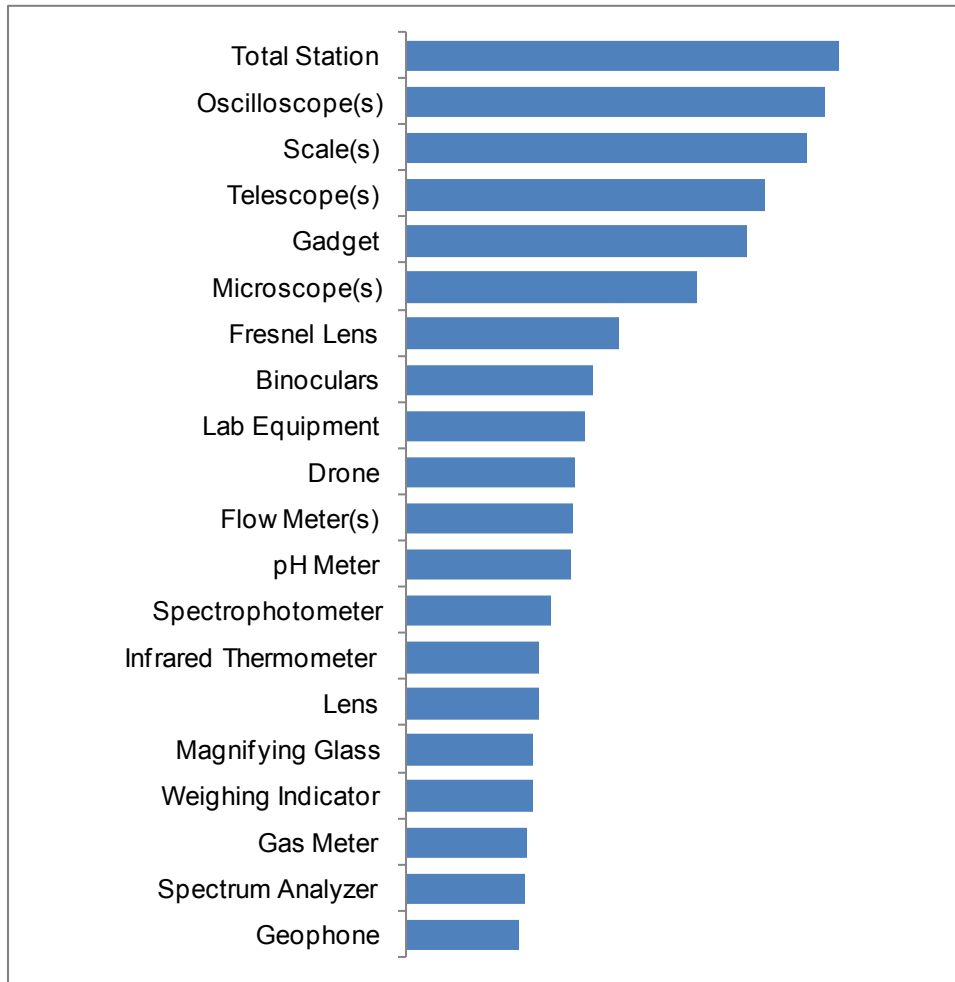
## 5. Instruments & Meters Professional Buyers Interest Ranking of Made-in-China.com

### 5.1. Instruments & Meters Professional Buyers Interest of Made-in-China.com



Sep. 2013-August 2014, instruments & meters professional buyers pay the highest attention to Test Instrument, followed by Weighing & Measuring Apparatus and Meter for Liquid & Gas.

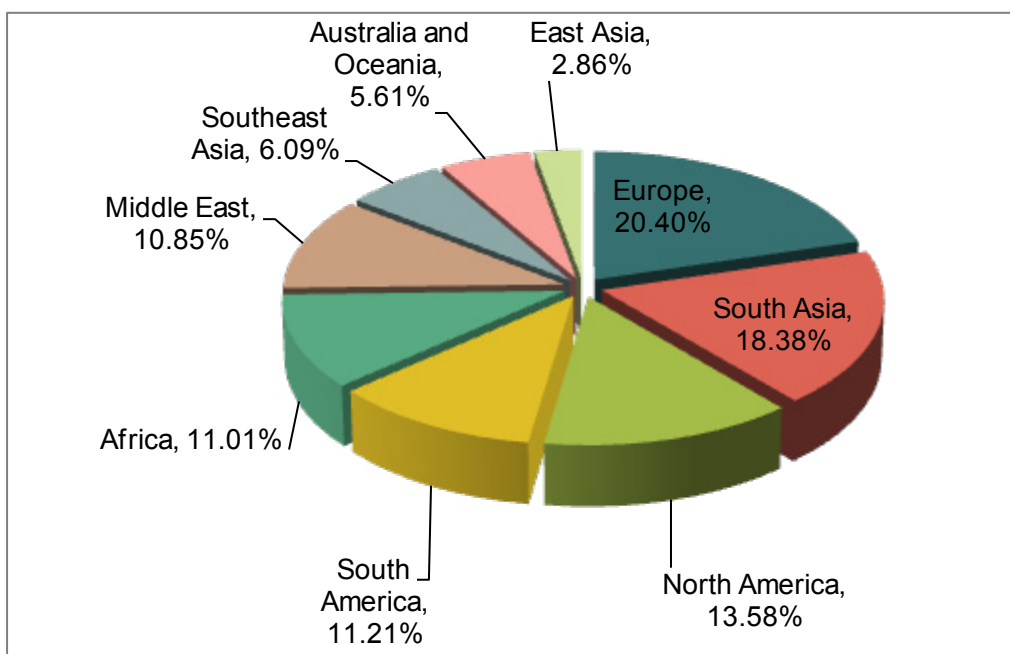
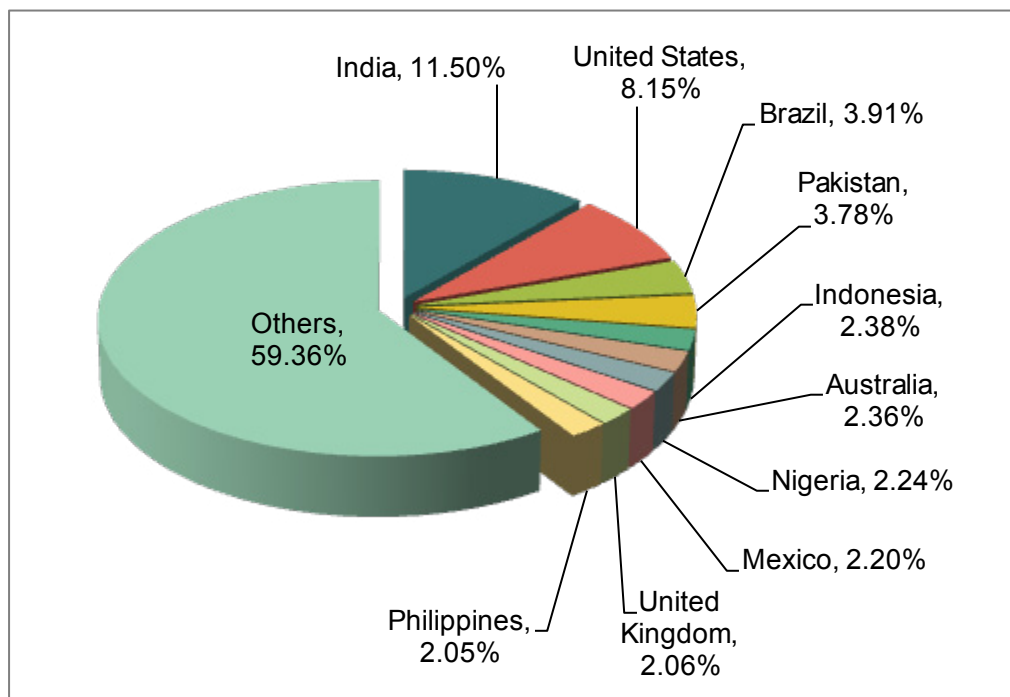
## 5.2. Instruments & Meters Buyers Hot Search Keywords of Made-in-China.com



The hottest search keyword of instruments & meters from June to August 2014 is Total Station, followed by Oscilloscope(s) and Scale(s).

### 5.3. Instruments & Meters Professional Buyers Distribution of Made-in-China.com

Statistical time: Sep. 2013-August 2014



The instruments & meters buyers of Made-in-China.com mainly come from India, the United States and Brazil from September 2013 to August 2014. Buyers from India accounted for 11.5% of the total buyers of this industry. The instruments & meters buyers of Made-in-China.com mainly come from Europe, South Asia and North America.

Source: Made-in-China.com

The IAR Team of Made-in-China.com dedicates to surveying,excavating and collating industry information for supplying the service of timely and exact information analysis, providing necessary information and dates for clients'decision.

Thanks for reading the report, if you have any questions,opinions or advices, please contact us.

***E-mail:*** [iar@made-in-china.com](mailto:iar@made-in-china.com)

***Web:*** <http://www.made-in-china.com/communication/market-analysis.html>



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