

Section XVIII

OPTICAL, PHOTOGRAPHIC, CINEMATOGRAPHIC, MEASURING, CHECKING, PRECISION, MEDICAL OR SURGICAL INSTRUMENTS AND APPARATUS; CLOCKS AND WATCHES; MUSICAL INSTRUMENTS; PARTS AND ACCESSORIES THEREOF

CHAPTER 90

**Optical, photographic, cinematographic, measuring, checking,
precision, medical or surgical instruments and apparatus; parts and accessories thereof**

Definition of ‘assembly of semi-conductor products’:

‘Assembly of semi-conductor products’ means a change from chips, dice or other semi-conductor products to chips, dice or other semi-conductor products that are packaged or mounted onto a common medium for connection or connected and then mounted. The assembly of semi-conductor products shall not be considered as a minimal operation.

Chapter residual rule:

Where the country of origin cannot be determined by application of the primary rules, the country of origin of the goods shall be the country in which the major portion of the materials originated, as determined on the basis of the value of the materials.

HS 2017 Code	Description of goods	Primary rules
9001	Optical fibres and optical fibre bundles; optical fibre cables other than those of heading 85.44; sheets and plates of polarising material; lenses (including contact lenses), prisms, mirrors and other optical elements, of any material, unmounted, other than such elements of glass not optically worked.	CTH, or 45% value added rule
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.	CTH; or 45% value added rule
9003	Frames and mountings for spectacles, goggles or the like, and parts thereof.	<i>As specified for subheadings</i>
	- Frames and mountings:	

9003 11	-- Of plastics	CTSH, except from more than one of: fronts or temples of subheading 9003 90 or change from blanks; or 45% value-added rule
9003 19	-- Of other materials	CTSH, except from more than one of: fronts or temples of subheading 9003 90 or change from blanks; or 45% value-added rule
9003 90	- Parts	CTH; or 45% value added rule
9004	Spectacles, goggles and the like, corrective, protective or other.	CTH, except from subheading 9001 40, 9001 50 or heading 9003; or 45% value added rule
9005	Binoculars, monoculars, other optical telescopes, and mountings therefor; other astronomical instruments and mountings therefor, but not including instruments for radio-astronomy.	CTH; or 45% value added rule
9006	Photographic (other than cinematographic) cameras; photographic flashlight apparatus and flashbulbs other than discharge lamps of heading 8539.	CTH; or 45% value added rule
9007	Cinematographic cameras and projectors, whether or not incorporating sound recording or reproducing apparatus.	CTH; or 45% value added rule
9008	Image projectors, other than cinematographic; photographic (other than cinematographic) enlargers and reducers.	CTH; or 45% value added rule

[9009]		
9010	Apparatus and equipment for photographic (including cinematographic) laboratories, not specified or included elsewhere in this Chapter; negatoscopes; projection screens.	CTH; or 45% value added rule
9011	Compound optical microscopes, including those for photomicrography, cinephotomicrography or microprojection.	CTH; or 45% value added rule
9012	Microscopes other than optical microscopes; diffraction apparatus.	CTH; or 45% value added rule
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.	CTH; or 45% value added rule
9014	Direction finding compasses; other navigational instruments and appliances.	CTH; or 45% value added rule
9015	Surveying (including photogrammetrical surveying), hydrographic, oceanographic, hydrological, meteorological or geophysical instruments and appliances, excluding compasses; rangefinders.	CTH; or 45% value added rule
9016	Balances of a sensitivity of 5 cg or better, with or without weights.	CTH; or 45% value added rule

9017	Drawing, marking-out 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, micrometers, callipers), not specified or included elsewhere in this Chapter.	CTH; or 45% value added rule
9018	Instruments and appliances used in medical, surgical, dental or veterinary sciences, including scintigraphic apparatus, other electro-medical apparatus and sight-testing instruments.	CTH; or 45% value added rule
9019	Mechano-therapy appliances; massage apparatus; psychological aptitude-testing apparatus; ozone therapy, oxygen therapy, aerosol therapy, artificial respiration or other therapeutic respiration apparatus.	CTH; or 45% value added rule
9020	Other breathing appliances and gas masks, excluding protective masks having neither mechanical parts nor replaceable filters.	CTH; or 45% value added rule
9021	Orthopaedic appliances, including crutches, surgical belts and trusses; splints and other fracture appliances; artificial parts of the body; hearing aids and other appliances which are worn or carried, or implanted in the body, to compensate for a defect or disability.	CTH; or 45% value added rule

9022	Apparatus based on the use of X-rays or of alpha, beta or gamma radiations, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generators, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like.	CTH; or 45% value added rule
9023	Instruments, apparatus and models, designed for demonstrational purposes (for example, in education or exhibitions), unsuitable for other uses.	CTH; or 45% value added rule
9024	Machines and appliances for testing the hardness, strength, compressibility, elasticity or other mechanical properties of materials (for example, metals, wood, textiles, paper, plastics).	CTH; or 45% value added rule
9025	Hydrometers and similar floating instruments, thermometers, pyrometers, barometers, hygrometers and psychrometers, recording or not, and any combination of these instruments.	CTH; or 45% value added rule
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 9014, 9015, 9028 or 9032.	CTH; or 45% value added rule

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.	CTH; or 45% value added rule
9028	Gas, liquid or electricity supply or production meters, including calibrating meters therefor.	CTH; or 45% value added rule
9029	Revolution counters, production counters, taximeters, mileometers, pedometers and the like; speed indicators and tachometers, other than those of heading 9014 or 9015; stroboscopes.	<i>As specified for splitheadings</i>
ex 9029 (a)	Magnetic field sensing semiconductor component based on magneto-sensitive resistive elements, whether or not with additional component for signal conditioning	CTH, except from heading 9033; or Assembly of semiconductor products
ex 9029 (b)	- Other	CTH; or 45% value added rule
9030	Oscilloscopes, spectrum analysers and other instruments and apparatus for measuring or checking electrical quantities, excluding meters of heading 9028; instruments and apparatus for measuring or detecting alpha, beta, gamma, X-ray, cosmic or other ionising radiations.	CTH; or 45% value added rule

9031	Measuring or checking instruments, appliances and machines, not specified or included elsewhere in this Chapter; profile projectors.	CTH; or 45% value added rule
9032	Automatic regulating or controlling instruments and apparatus.	CTH; or 45% value added rule
9033	Parts and accessories (not specified or included elsewhere in this chapter) for machines, appliances, instruments or apparatus of chapter 90.	CTH

CHAPTER 91

Clocks and watches and parts thereof

Chapter residual rule:

Where the country of origin cannot be determined by application of the primary rules, the country of origin of the goods shall be the country in which the major portion of the materials originated, as determined on the basis of the value of the materials.

HS 2017 Code	Description of goods	Primary rules
9101	Wrist-watches, pocket-watches and other watches, including stop-watches, with case of precious metal or of metal clad with precious metal.	CTH
9102	Wrist-watches, pocket-watches and other watches, including stop-watches, other than those of heading 9101.	CTH
9103	Clocks with watch movements, excluding clocks of heading 9104.	CTH
9104	Instrument panel clocks and clocks of a similar type for vehicles aircraft, spacecraft or vessels.	CTH
9105	Other clocks.	CTH
9106	Time of day recording apparatus and apparatus for measuring, recording or otherwise indicating intervals of time, with clock or watch movement or with synchronous motor (for example, time-registers, time-recorders).	CTH
9107	Time switches with clock or watch movement or with synchronous motor.	CTH
9108	Watch movements, complete and assembled.	CTH, except from ex 9110 (b)
9109	Clock movements, complete and assembled.	CTH, except from ex 9110 (b)

HS 2017 Code	Description of goods	Primary rules
9110	Complete watch or clock movements, unassembled or partly assembled (movement sets); incomplete watch or clock movements, assembled; rough watch or clock movements.	<i>As specified for split headings</i>
ex9110(a)	Complete watch or clock movements, unassembled; rough watch or clock movements	CTH, except from heading 9114
ex9110(b)	Complete watch or clock movements, partly assembled and incomplete watch or clock movements, assembled, containing at least two of the following components on a common support: time reference device, device for converting the time reference for purposes of display, time setting mechanism or opto-electronic display	CTH, or change from split heading ex9110(a),
ex 9110(c)	Other	CTH, except from heading 9114
9111	Watch cases and parts thereof.	CTH or change from blanks
9112	Clock cases and cases of a similar type for other goods of this Chapter, and parts thereof.	CTH or change from blanks
9113	Watch straps, watch bands and watch bracelets, and parts thereof.	<i>As specified for subheadings</i>
9113 10	- Of precious metal or of metal clad with precious metal	CTH or change from parts to finished goods classified in the same subheading
9113 20	- Of base metal, whether or not gold- or silver-plated	CTH or change from parts to finished goods classified in the same subheading
9113 90	- Other	
ex 9113 (a)	Watch straps, watch bands and watch bracelets, and parts thereof, of textiles.	CTH
ex 9113.90 (b)	--Other	CTH
9114	Other clock or watch parts.	CTH

CHAPTER 92

Musical instruments; parts and accessories of such articles

Chapter residual rule:

Where the country of origin cannot be determined by application of the primary rules, the country of origin of the goods shall be the country in which the major portion of the materials originated, as determined on the basis of the value of the materials.

HS 2017 Code	Description of goods	Primary rules
9201	Pianos, including automatic pianos; harpsichords and other keyboard stringed instruments.	CTH, except from 9209
9202	Other string musical instruments (for example, guitars, violins, harps).	CTH, except from 9209
[9203]		
[9204]		
9205	Wind musical instruments (for example, keyboard pipe organs, accordions, clarinets, trumpets, bagpipes), other than fairground organs and mechanical street organs.	CTH, except from 9209
9206	Percussion musical instruments (for example, drums, xylophones, cymbals, castanets, maracas).	CTH, except from 9209
9207	Musical instruments, the sound of which is produced, or must be amplified, electrically (for example, organs, guitars, accordions).	CTH, except from 9209
9208	Musical boxes, fairground organs, mechanical street organs, mechanical singing birds, musical saws and other musical instruments not falling within any other heading of this Chapter; decoy calls of all kinds; whistles, call horns and other mouth-blown sound signalling instruments.	CTH, except from 9209

HS 2017 Code	Description of goods	Primary rules
9209	Parts (for example, mechanisms for musical boxes) and accessories (for example, cards, discs and rolls for mechanical instruments) of musical instruments; metronomes, tuning forks and pitch pipes of all kinds.	CTH