

Heading	Subheading	Description	Unit of Quantity	Customs Duty Full	Duty Pref	Excise Duty
(1)	(2)	(3)	(4)	(5)	(6)	(7)

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**

Notes.

1. This Chapter does not cover:
 - (a) Articles of a kind used in machines, appliances or for other technical uses, of vulcanised rubber other than hard rubber (heading 40.16), of leather or of composition leather (heading 42.05) or of textile material (heading 59.11);
 - (b) Supporting belts or other support articles of textile material, whose intended effect on the organ to be supported or held derives solely from their elasticity (for example, maternity belts, thoracic support bandages, abdominal support bandages, supports for joints or muscles) (Section XI);
 - (c) Refractory goods of heading 69.03; ceramic wares for laboratory, chemical or other technical uses, of heading 69.09;
 - (d) Glass mirrors, not optically worked, of heading 70.09, or mirrors of base metal or of precious metal, not being optical elements (heading 83.06 or Chapter 71);
 - (e) Goods of heading 70.07, 70.08, 70.11, 70.14, 70.15 or 70.17;
 - (f) Parts of general use, as defined in Note 2 to Section XV, of base metal (Section XV) or similar goods of plastics (Chapter 39);
 - (g) Pumps incorporating measuring devices, of heading 84.13; weight-operated counting or checking machinery, or separately presented weights for balances (heading 84.23); lifting or handling machinery (headings 84.25 to 84.28); paper or paperboard cutting machines of all kinds (heading 84.41); fittings for adjusting work or tools on machine-tools, of heading 84.66, including fittings with optical devices for reading the scale (for example, "optical" dividing heads) but not those which are in themselves essentially optical instruments (for example, alignment telescopes); calculating machines (heading 84.70); valves or other appliances of heading 84.81; machines and apparatus (including apparatus for the projection or drawing of circuit patterns on sensitised semiconductor materials) of heading 84.86;
 - (h) Searchlights or spotlights of a kind used for cycles or motor vehicles (heading 85.12); portable electric lamps of heading 85.13; cinematographic sound recording, reproducing or re-recording apparatus (heading 85.19); sound-heads (heading 85.22); television cameras, digital cameras and video camera recorders (heading 85.25); radar apparatus, radio navigational aid apparatus or radio remote control apparatus (heading 85.26); connectors for optical fibres, optical fibre bundles or cables (heading 85.36); numerical control apparatus of heading 85.37; sealed beam lamp units of heading 85.39; optical fibre cables of heading 85.44;

Heading (1)	Subheading (2)	Description (3)	Unit of Quantity (4)	Customs Duty Full (5)	Duty Pref (6)	Excise Duty (7)
		<ul style="list-style-type: none"> (ij) Searchlights or spotlights of heading 94.05; (k) Articles of Chapter 95; (l) Capacity measures, which are to be classified according to their constituent material; or (m) Spools, reels or similar supports (which are to be classified according to their constituent material, for example, in heading 39.23 or Section XV). 				
		<p>2. Subject to Note 1 above, parts and accessories for machines, apparatus, instruments or articles of this Chapter are to be classified according to the following rules:</p> <ul style="list-style-type: none"> (a) Parts and accessories which are goods included in any of the headings of this Chapter or of Chapter 84, 85 or 91 (other than heading 84.87, 85.48 or 90.33) are in all cases to be classified in their respective headings; (b) Other parts and accessories, if suitable for use solely or principally with a particular kind of machine, instrument or apparatus, or with a number of machines, instruments or apparatus of the same heading (including a machine, instrument or apparatus of heading 90.10, 90.13 or 90.31) are to be classified with the machines, instruments or apparatus of that kind; (c) All other parts and accessories are to be classified in heading 90.33. 				
		<p>3. The provisions of Notes 3 and 4 to Section XVI apply also to this Chapter.</p>				
		<p>4. Heading 90.05 does not apply to telescopic sights for fitting to arms, periscopic telescopes for fitting to submarines or tanks, or to telescopes for machines, appliances, instruments or apparatus of this Chapter or Section XVI; such telescopic sights and telescopes are to be classified in heading 90.13.</p>				
		<p>5. Measuring or checking optical instruments, appliances or machines which, but for this Note, could be classified both in heading 90.13 and in heading 90.31 are to be classified in heading 90.31.</p>				
		<p>6. For the purposes of heading 90.21, the expression “orthopaedic appliances” means appliances for:</p> <ul style="list-style-type: none"> - Preventing or correcting bodily deformities; or - Supporting or holding parts of the body following an illness, operation or injury. <p>Orthopaedic appliances include footwear and special insoles designed to correct orthopaedic conditions, provided that they are either (1) made to measure or (2) mass-produced, presented singly and not in pairs and designed to fit either foot equally.</p>				
		<p>7. Heading 90.32 applies only to:</p> <ul style="list-style-type: none"> (a) Instruments and apparatus for automatically controlling the flow, level, pressure or other variables of liquids or gases, or for automatically controlling temperature, whether or not their operation depends on an electrical phenomenon which varies according to the factor to be automatically controlled, which are designed to bring this factor to, and maintain it at, a desired value, stabilised against disturbances, by constantly or periodically measuring its actual value; and 				

90.01 – 90.02 Section XVIII

Heading	Subheading	Description	Unit of Quantity	Customs Duty Full	Customs Duty Pref	Excise Duty
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		(b) Automatic regulators of electrical quantities, and instruments or apparatus for automatically controlling non-electrical quantities the operation of which depends on an electrical phenomenon varying according to the factor to be controlled, which are designed to bring this factor to, and maintain it at, a desired value, stabilised against disturbances, by constantly or periodically measuring its actual value.				
90.01		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.				
	9001.10	- Optical fibres, optical fibre bundles and cables:				
	9001.10.10	-- For telecommunications and other electrical uses	VAL			
	9001.10.90	-- Other	VAL			
	9001.20.00	- Sheets and plates of polarising material	VAL			
	9001.30.00	- Contact lenses	VAL			
	9001.40.00	- Spectacle lenses of glass	VAL			
	9001.50.00	- Spectacle lenses of other materials	VAL			
	9001.90	- Other:				
	9001.90.10	-- For photographic or cinematographic cameras or projectors	VAL			
	9001.90.90	-- Other	VAL			
90.02		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.				
		- Objective lenses:				
	9002.11	-- For cameras, projectors or photographic enlargers or reducers:				
	9002.11.10	--- For cinematographic projectors	VAL			
	9002.11.90	--- Other	VAL			
	9002.19.00	-- Other	VAL			
	9002.20	- Filters:				
	9002.20.10	-- For cinematographic projectors	VAL			
	9002.20.20	-- For cinematographic cameras, photographic cameras and other projectors	VAL			
	9002.20.30	-- For telescopes or microscopes	VAL			
	9002.20.90	-- Other	VAL			
	9002.90	- Other:				
	9002.90.20	-- For cinematographic projectors	VAL			
	9002.90.30	-- For cinematographic cameras, photographic cameras and other projectors	VAL			
	9002.90.90	-- Other	VAL			

Heading	Subheading	Description	Unit of Quantity	Customs Duty Full	Customs Duty Pref	Excise Duty
(1)	(2)	(3)	(4)	(5)	(6)	(7)
90.03		Frames and mountings for spectacles, goggles or the like, and parts thereof.				
		- Frames and mountings:				
	9003.11.00	-- Of plastics	TEN			
	9003.19.00	-- Of other materials	TEN			
	9003.90.00	- Parts	VAL			
90.04		Spectacles, goggles and the like, corrective, protective or other.				
	9004.10.00	- Sunglasses	TEN			
	9004.90	- Other:				
	9004.90.10	-- Corrective spectacles	TEN			
	9004.90.50	-- Protective goggles	TEN			
	9004.90.90	-- Other	TEN			
90.05		Binoculars, monoculars, other optical telescopes, and mountings therefor; other astronomical instruments and mountings therefor, but not including instruments for radio-astronomy.				
	9005.10.00	- Binoculars	NMB			
	9005.80	- Other instruments:				
	9005.80.10	-- Astronomical instruments, excluding instruments for radio-astronomy	NMB			
	9005.80.90	-- Other	NMB			
	9005.90	- Parts and accessories (including mountings):				
	9005.90.10	-- For astronomical instruments, excluding instruments for radio-astronomy	VAL			
	9005.90.90	-- Other	VAL			
90.06		Photographic (other than cinematographic) cameras; photographic flashlight apparatus and flashbulbs other than discharge lamps of heading 85.39.				
	9006.10	- Cameras of a kind used for preparing printing plates or cylinders:				
	9006.10.10	-- Laser photoplotters	NMB			
	9006.10.90	-- Other	NMB			
	9006.30.00	- Cameras specially designed for underwater use, for aerial survey or for medical or surgical examination of internal organs; comparison cameras for forensic or criminological purposes	NMB			
	9006.40.00	- Instant print cameras	NMB			
		- Other cameras:				
	9006.51.00	-- With a through-the-lens viewfinder (single lens reflex (SLR)), for roll film of a width not exceeding 35 mm	NMB			
	9006.52.00	-- Other, for roll film of a width less than 35 mm	NMB			
	9006.53.00	-- Other, for roll film of a width of 35 mm	NMB			
	9006.59	-- Other:				
	9006.59.10	--- Laser photoplotters or image setters with a raster image processor	NMB			
	9006.59.90	--- Other	NMB			

90.06 – 90.10 Section XVIII

Heading	Subheading	Description	Unit of Quantity	Customs Duty Full	Customs Duty Pref	Excise Duty
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		- Photographic flashlight apparatus and flashbulbs:				
	9006.61.00	-- Discharge lamp ("electronic") flashlight apparatus	NMB			
	9006.69.00	-- Other	NMB			
		- Parts and accessories:				
	9006.91	-- For cameras:				
	9006.91.10	--- For laser photoplotters of subheading 9006.10.10	VAL			
	9006.91.30	--- Other, for cameras of subheadings 9006.40 to 9006.53	VAL			
	9006.91.90	--- Other	VAL			
	9006.99	-- Other:				
	9006.99.10	--- For photographic flashlight apparatus	VAL			
	9006.99.90	--- Other	VAL			
90.07		Cinematographic cameras and projectors, whether or not incorporating sound recording or reproducing apparatus.				
	9007.10.00	- Cameras	NMB			
	9007.20	- Projectors:				
	9007.20.10	-- For film of less than 16 mm in width	NMB			
	9007.20.90	-- Other	NMB			
		- Parts and accessories:				
	9007.91.00	-- For cameras	VAL			
	9007.92.00	-- For projectors	VAL			
90.08		Image projectors, other than cinematographic; photographic (other than cinematographic) enlargers and reducers.				
	9008.50	- Projectors, enlargers and reducers:				
	9008.50.10	-- Microfilm, microfiche or other microform readers, whether or not capable of producing copies	NMB			
	9008.50.90	-- Other	NMB			
	9008.90	- Parts and accessories:				
	9008.90.20	-- Of photographic (other than cinematographic) enlargers and reducers	VAL			
	9008.90.90	-- Other	VAL			
90.10		Apparatus and equipment for photographic (including cinematographic) laboratories, not specified or included elsewhere in this Chapter; negatoscopes; projection screens.				
	9010.10.00	- Apparatus and equipment for automatically developing photographic (including cinematographic) film or paper in rolls or for automatically exposing developed film to rolls of photographic paper	NMB			
	9010.50	- Other apparatus and equipment for photographic (including cinematographic) laboratories; negatoscopes:				
	9010.50.10	-- Apparatus for the projection or drawing of circuit patterns on sensitised substrates for the manufacture of printed circuit boards/printed wiring boards	NMB			
	9010.50.90	-- Other	NMB			

Heading	Subheading	Description	Unit of Quantity	Customs Duty Full	Customs Duty Pref	Excise Duty
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	9010.60	- Projection screens:				
	9010.60.10	-- Of 300 inches or more	NMB			
	9010.60.90	-- Other	NMB			
	9010.90	- Parts and accessories:				
	9010.90.10	-- Of goods of subheading 9010.10 or 9010.60	VAL			
	9010.90.30	-- Parts and accessories of apparatus for the projection or drawing of circuit patterns on sensitised substrates for the manufacture of printed circuit boards/printed wiring boards	VAL			
	9010.90.90	-- Other	VAL			
90.11		Compound optical microscopes, including those for photomicrography, cinephotomicrography or microprojection.				
	9011.10.00	- Stereoscopic microscopes	NMB			
	9011.20.00	- Other microscopes, for photomicrography, cinephotomicrography or microprojection	NMB			
	9011.80.00	- Other microscopes	NMB			
	9011.90.00	- Parts and accessories	VAL			
90.12		Microscopes other than optical microscopes; diffraction apparatus.				
	9012.10.00	- Microscopes other than optical microscopes; diffraction apparatus	NMB			
	9012.90.00	- Parts and accessories	VAL			
90.13		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.				
	9013.10.00	- Telescopic sights for fitting to arms; periscopes; telescopes designed to form parts of machines, appliances, instruments or apparatus of this Chapter or Section XVI	NMB			
	9013.20.00	- Lasers, other than laser diodes	NMB			
	9013.80	- Other devices, appliances and instruments:				
	9013.80.10	-- Optical error verification and repair apparatus for printed circuit boards/printed wiring boards and printed circuit assemblies	NMB			
	9013.80.20	-- Liquid crystal devices	NMB			
	9013.80.90	-- Other	NMB			
	9013.90	- Parts and accessories:				
	9013.90.10	-- Of goods of subheading 9013.20	VAL			
	9013.90.50	-- Of goods of subheading 9013.80.20	VAL			
	9013.90.60	-- Of goods of subheading 9013.80.10	VAL			
	9013.90.90	-- Other	VAL			

90.14 – 90.17 Section XVIII

Heading	Subheading	Description	Unit of Quantity	Customs Duty Full	Customs Duty Pref	Excise Duty
(1)	(2)	(3)	(4)	(5)	(6)	(7)
90.14		Direction finding compasses; other navigational instruments and appliances.				
	9014.10.00	- Direction finding compasses	NMB			
	9014.20.00	- Instruments and appliances for aeronautical or space navigation (other than compasses)	NMB			
	9014.80	- Other instruments and appliances:				
	9014.80.10	-- Of a kind used on ships, incorporating or working in conjunction with an automatic data processing machine	NMB			
	9014.80.90	-- Other	NMB			
	9014.90	- Parts and accessories:				
	9014.90.10	-- Of instruments and apparatus, of a kind used on ships, working in conjunction with an automatic data processing machine	VAL			
	9014.90.90	-- Other	VAL			
90.15		Surveying (including photogrammetrical surveying), hydrographic, oceanographic, hydrological, meteorological or geophysical instruments and appliances, excluding compasses; rangefinders.				
	9015.10	- Rangefinders:				
	9015.10.10	-- Of a kind used in photography or cinematography	NMB			
	9015.10.90	-- Other	NMB			
	9015.20.00	- Theodolites and tachymeters (tacheometers)	NMB			
	9015.30.00	- Levels	NMB			
	9015.40.00	- Photogrammetrical surveying instruments and appliances	NMB			
	9015.80	- Other instruments and appliances:				
	9015.80.10	-- Radio-sonde and radio wind apparatus	NMB			
	9015.80.90	-- Other	NMB			
	9015.90.00	- Parts and accessories	VAL			
90.16	9016.00.00	Balances of a sensitivity of 5 cg or better, with or without weights.	VAL			
90.17		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.				
	9017.10	- Drafting tables and machines, whether or not automatic:				
	9017.10.10	-- Plotters	NMB			
	9017.10.90	-- Other	NMB			
	9017.20	- Other drawing, marking-out or mathematical calculating instruments:				
	9017.20.10	-- Rulers	NMB			
	9017.20.30	-- Apparatus for the projection or drawing of circuit patterns on sensitised substrates for the manufacture of printed circuit boards/printed wiring boards	NMB			
	9017.20.40	-- Photoplotters for the manufacture of printed circuit boards/printed wiring boards	NMB			

Heading	Subheading	Description	Unit of Quantity	Customs Duty Full	Customs Duty Pref	Excise Duty
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	9017.20.50	-- Other plotters	NMB			
	9017.20.90	-- Other	NMB			
	9017.30.00	- Micrometers, callipers and gauges	NMB			
	9017.80.00	- Other instruments	NMB			
	9017.90	- Parts and accessories:				
	9017.90.20	-- Parts and accessories of apparatus for the projection or drawing of circuit patterns on sensitised substrates for the manufacture of printed circuit boards/printed wiring boards	VAL			
	9017.90.30	-- Parts and accessories of photoplotters for the manufacture of printed circuit boards/printed wiring boards	VAL			
	9017.90.40	-- Parts and accessories, including printed circuit assemblies, of other plotters	VAL			
	9017.90.90	-- Other	VAL			
90.18		Instruments and appliances used in medical, surgical, dental or veterinary sciences, including scintigraphic apparatus, other electro-medical apparatus and sight-testing instruments.				
		- Electro-diagnostic apparatus (including apparatus for functional exploratory examination or for checking physiological parameters):				
	9018.11.00	-- Electro-cardiographs	VAL			
	9018.12.00	-- Ultrasonic scanning apparatus	VAL			
	9018.13.00	-- Magnetic resonance imaging apparatus	VAL			
	9018.14.00	-- Scintigraphic apparatus	VAL			
	9018.19.00	-- Other	VAL			
	9018.20.00	- Ultra-violet or infra-red ray apparatus	VAL			
		- Syringes, needles, catheters, cannulae and the like:				
	9018.31	-- Syringes, with or without needles:				
	9018.31.10	--- Disposable syringes	VAL			
	9018.31.90	--- Other	VAL			
	9018.32.00	-- Tubular metal needles and needles for sutures	VAL			
	9018.39	-- Other:				
	9018.39.10	--- Catheters	VAL			
	9018.39.90	--- Other	VAL			
		- Other instruments and appliances, used in dental sciences:				
	9018.41.00	-- Dental drill engines, whether or not combined on a single base with other dental equipment	VAL			
	9018.49.00	-- Other	VAL			
	9018.50.00	- Other ophthalmic instruments and appliances	VAL			
	9018.90	- Other instruments and appliances:				
	9018.90.20	-- Intravenous administration sets	VAL			
	9018.90.30	-- Electronic instruments and appliances	VAL			
	9018.90.90	-- Other	VAL			

90.19 – 90.22 Section XVIII

Heading	Subheading	Description	Unit of Quantity	Customs Duty Full	Customs Duty Pref	Excise Duty
(1)	(2)	(3)	(4)	(5)	(6)	(7)
90.19		Mechano-therapy appliances; massage apparatus; psychological aptitude-testing apparatus; ozone therapy, oxygen therapy, aerosol therapy, artificial respiration or other therapeutic respiration apparatus.				
	9019.10	- Mechano-therapy appliances; massage apparatus; psychological aptitude-testing apparatus:				
	9019.10.10	-- Electronic	VAL			
	9019.10.90	-- Other	VAL			
	9019.20.00	- Ozone therapy, oxygen therapy, aerosol therapy, artificial respiration or other therapeutic respiration apparatus	VAL			
90.20	9020.00.00	Other breathing appliances and gas masks, excluding protective masks having neither mechanical parts nor replaceable filters.	VAL			
90.21		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.				
	9021.10.00	- Orthopaedic or fracture appliances	VAL			
		- Artificial teeth and dental fittings:				
	9021.21.00	-- Artificial teeth	VAL			
	9021.29.00	-- Other	VAL			
		- Other artificial parts of the body:				
	9021.31.00	-- Artificial joints	VAL			
	9021.39.00	-- Other	VAL			
	9021.40.00	- Hearing aids, excluding parts and accessories	VAL			
	9021.50.00	- Pacemakers for stimulating heart muscles, excluding parts and accessories	VAL			
	9021.90.00	- Other	VAL			
90.22		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.				
		- Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus:				
	9022.12.00	-- Computed tomography apparatus	VAL			
	9022.13.00	-- Other, for dental uses	VAL			
	9022.14.00	-- Other, for medical, surgical or veterinary uses	VAL			
	9022.19	-- For other uses:				
	9022.19.10	--- X-ray apparatus for the physical inspection of solder joints on printed circuit boards/printed wiring board assemblies	VAL			
	9022.19.90	--- Other	VAL			

Heading	Subheading	Description	Unit of Quantity	Customs Duty Full	Customs Duty Pref	Excise Duty
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		- Apparatus based on the use of alpha, beta or gamma radiations, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus:				
	9022.21.00	-- For medical, surgical, dental or veterinary uses	VAL			
	9022.29.00	-- For other uses	VAL			
	9022.30.00	- X-ray tubes	VAL			
	9022.90	- Other, including parts and accessories:				
	9022.90.10	-- Parts and accessories of X-ray apparatus for the physical inspection of solder joints on printed circuit assemblies	VAL			
	9022.90.90	-- Other	VAL			
90.23	9023.00.00	Instruments, apparatus and models, designed for demonstrational purposes (for example, in education or exhibitions), unsuitable for other uses.	VAL			
90.24		Machines and appliances for testing the hardness, strength, compressibility, elasticity or other mechanical properties of materials (for example, metals, wood, textiles, paper, plastics).				
	9024.10	- Machines and appliances for testing metals:				
	9024.10.10	-- Electrically operated	VAL			
	9024.10.20	-- Not electrically operated	VAL			
	9024.80	- Other machines and appliances:				
	9024.80.10	-- Electrically operated	VAL			
	9024.80.20	-- Not electrically operated	VAL			
	9024.90	- Parts and accessories:				
	9024.90.10	-- For electrically operated machines and appliances	VAL			
	9024.90.20	-- For non-electrically operated machines and appliances	VAL			
90.25		Hydrometers and similar floating instruments, thermometers, pyrometers, barometers, hygrometers and psychrometers, recording or not, and any combination of these instruments.				
		- Thermometers and pyrometers, not combined with other instruments:				
	9025.11.00	-- Liquid-filled, for direct reading	NMB			
	9025.19	-- Other:				
		--- Electrically operated:				
	9025.19.11	---- Temperature gauges for motor vehicles	NMB			
	9025.19.19	---- Other	NMB			
	9025.19.20	--- Not electrically operated	NMB			
	9025.80	- Other instruments:				
	9025.80.20	-- Electrically operated	NMB			
	9025.80.30	-- Not electrically operated	NMB			
	9025.90	- Parts and accessories:				
	9025.90.10	-- For electrically operated instruments	VAL			
	9025.90.20	-- For non-electrically operated instruments	VAL			

90.26 – 90.27 Section XVIII

Heading	Subheading	Description	Unit of Quantity	Customs Duty Full	Customs Duty Pref	Excise Duty
(1)	(2)	(3)	(4)	(5)	(6)	(7)
90.26		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.				
	9026.10	- For measuring or checking the flow or level of liquids:				
	9026.10.10	-- Level gauges for motor vehicles, electrically operated	NMB			
	9026.10.20	-- Level gauges for motor vehicles, not electrically operated	NMB			
	9026.10.30	-- Other, electrically operated	NMB			
	9026.10.90	-- Other, not electrically operated	NMB			
	9026.20	- For measuring or checking pressure:				
	9026.20.10	-- Pressure gauges for motor vehicles, electrically operated	NMB			
	9026.20.20	-- Pressure gauges for motor vehicles, not electrically operated	NMB			
	9026.20.30	-- Other, electrically operated	NMB			
	9026.20.40	-- Other, not electrically operated	NMB			
	9026.80	- Other instruments or apparatus:				
	9026.80.10	-- Electrically operated	NMB			
	9026.80.20	-- Not electrically operated	NMB			
	9026.90	- Parts and accessories:				
	9026.90.10	-- For electrically operated instruments and apparatus	VAL			
	9026.90.20	-- For non-electrically operated instruments and apparatus	VAL			
90.27		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.				
	9027.10	- Gas or smoke analysis apparatus:				
	9027.10.10	-- Electrically operated	NMB			
	9027.10.20	-- Not electrically operated	NMB			
	9027.20	- Chromatographs and electrophoresis instruments:				
	9027.20.10	-- Electrically operated	NMB			
	9027.20.20	-- Not electrically operated	NMB			
	9027.30	- Spectrometers, spectrophotometers and spectrographs using optical radiations (UV, visible, IR):				
	9027.30.10	-- Electrically operated	NMB			
	9027.30.20	-- Not electrically operated	NMB			
	9027.50	- Other instruments and apparatus using optical radiations (UV, visible, IR):				
	9027.50.10	-- Electrically operated	NMB			
	9027.50.20	-- Not electrically operated	NMB			
	9027.80	- Other instruments and apparatus:				
	9027.80.10	-- Exposure meters	NMB			
	9027.80.30	-- Other, electrically operated	NMB			
	9027.80.40	-- Other, not electrically operated	NMB			

Heading	Subheading	Description	Unit of Quantity	Customs Duty Full	Duty Pref	Excise Duty
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	9027.90	- Microtomes; parts and accessories:				
	9027.90.10	-- Parts and accessories, including printed circuit assemblies for products of heading 90.27, other than for gas or smoke analysis apparatus or microtomes	VAL			
		-- Other:				
	9027.90.91	--- Electrically operated	VAL			
	9027.90.99	--- Other	VAL			
90.28		Gas, liquid or electricity supply or production meters, including calibrating meters therefor.				
	9028.10	- Gas meters:				
	9028.10.10	-- Gas meters of a kind mounted on gas containers	NMB			
	9028.10.90	-- Other	NMB			
	9028.20	- Liquid meters:				
	9028.20.20	-- Water meters	NMB			
	9028.20.90	-- Other	NMB			
	9028.30	- Electricity meters:				
	9028.30.10	-- Kilowatt hour meters	NMB			
	9028.30.90	-- Other	NMB			
	9028.90	- Parts and accessories:				
	9028.90.10	-- Water meter housings or bodies	VAL			
	9028.90.90	-- Other	VAL			
90.29		Revolution counters, production counters, taximeters, mileometers, pedometers and the like; speed indicators and tachometers, other than those of heading 90.14 or 90.15; stroboscopes.				
	9029.10	- Revolution counters, production counters, taximeters, mileometers, pedometers and the like:				
	9029.10.20	-- Taximeters	NMB			
	9029.10.90	-- Other	NMB			
	9029.20	- Speed indicators and tachometers; stroboscopes:				
	9029.20.10	-- Speedometers for motor vehicles	NMB			
	9029.20.20	-- Tachometers for motor vehicles	NMB			
	9029.20.90	-- Other	NMB			
	9029.90	- Parts and accessories:				
	9029.90.10	-- Of goods of subheading 9029.10 or of stroboscopes of subheading 9029.20	VAL			
	9029.90.20	-- Of other goods of subheading 9029.20	VAL			
90.30		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, X-ray, cosmic or other ionising radiations.				
	9030.10.00	- Instruments and apparatus for measuring or detecting ionising radiations	NMB			
	9030.20.00	- Oscilloscopes and oscillographs	NMB			

90.30 – 90.31 Section XVIII

Heading	Subheading	Description	Unit of Quantity	Customs Duty Full	Customs Duty Pref	Excise Duty
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		- Other instruments and apparatus, for measuring or checking voltage, current, resistance or power:				
	9030.31.00	-- Multimeters without a recording device	NMB			
	9030.32.00	-- Multimeters with a recording device	NMB			
	9030.33	-- Other, without a recording device:				
	9030.33.10	--- Instruments and apparatus for measuring or checking voltage, current, resistance or power on printed circuit boards/printed wiring boards or printed circuit assemblies	NMB			
	9030.33.20	--- Impedance-measuring instruments and apparatus designed to provide visual and/or audible warning of electrostatic discharge conditions that can damage electronic circuits; apparatus for testing electrostatic control equipment and electrostatic grounding devices/fixtures	NMB			
	9030.33.30	--- Ammeters and voltmeters for motor vehicles	NMB			
	9030.33.90	--- Other	NMB			
	9030.39.00	-- Other, with a recording device	NMB			
	9030.40.00	- Other instruments and apparatus, specially designed for telecommunications (for example, cross-talk meters, gain measuring instruments, distortion factor meters, psophometers)	NMB			
		- Other instruments and apparatus:				
	9030.82	-- For measuring or checking semiconductor wafers or devices:				
	9030.82.10	--- Wafer probers	NMB			
	9030.82.90	--- Other	NMB			
	9030.84	-- Other, with a recording device:				
	9030.84.10	--- Instruments and apparatus for measuring or checking electrical quantities on printed circuit boards/printed wiring boards and printed circuit assemblies	NMB			
	9030.84.90	--- Other	NMB			
	9030.89	-- Other:				
	9030.89.10	--- Instruments and apparatus, without a recording device, for measuring or checking electrical quantities on printed circuit boards/printed wiring boards and printed circuit assemblies, other than those covered within subheading 9030.39	NMB			
	9030.89.90	--- Other	NMB			
	9030.90	- Parts and accessories:				
	9030.90.10	-- Parts and accessories (including printed circuit assemblies) of goods of subheading 9030.40 or 9030.82	VAL			
	9030.90.30	-- Parts and accessories of optical instruments and appliances for measuring or checking printed circuit boards/printed wiring boards and printed circuit assemblies	VAL			
	9030.90.40	-- Parts and accessories of other instruments and apparatus for measuring or checking electrical quantities on printed circuit boards/printed wiring boards and printed circuit assemblies	VAL			
	9030.90.90	-- Other	VAL			
90.31		Measuring or checking instruments, appliances and machines, not specified or included elsewhere in this Chapter; profile projectors.				
	9031.10	- Machines for balancing mechanical parts:				
	9031.10.10	-- Electrically operated	NMB			

Heading	Subheading	Description	Unit of Quantity	Customs Duty Full	Duty Pref	Excise Duty
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	9031.10.20	-- Not electrically operated	NMB			
	9031.20	- Test benches:				
	9031.20.10	-- Electrically operated	NMB			
	9031.20.20	-- Not electrically operated	NMB			
		- Other optical instruments and appliances:				
	9031.41.00	-- For inspecting semiconductor wafers or devices or for inspecting photomasks or reticles used in manufacturing semiconductor devices	NMB			
	9031.49	-- Other:				
	9031.49.10	--- Optical instruments and appliances for measuring surface particulate contamination on semiconductor wafers	NMB			
	9031.49.20	--- Optical error verification and repair apparatus for printed circuit boards/printed wiring boards and printed circuit assemblies	NMB			
	9031.49.30	--- Other optical instruments and appliances for measuring or checking printed circuit boards/printed wiring boards and printed circuit assemblies	NMB			
	9031.49.90	--- Other	NMB			
	9031.80	- Other instruments, appliances and machines:				
	9031.80.10	-- Cable testers	NMB			
	9031.80.90	-- Other	NMB			
	9031.90	- Parts and accessories:				
		- - For electrically operated equipment:				
	9031.90.11	--- Parts and accessories including printed circuit assemblies of optical instruments and appliances for inspecting semiconductor wafers or devices or for inspecting masks, photomasks or reticles used in manufacturing semiconductor devices; parts and accessories of optical instruments and appliances for measuring surface particulate contamination on semiconductor wafers	VAL			
	9031.90.12	--- Of optical error verification and repair apparatus for printed circuit boards/printed wiring boards and printed circuit assemblies	VAL			
	9031.90.13	--- Of other optical instruments and appliances for measuring or checking printed circuit boards/printed wiring boards and printed circuit assemblies	VAL			
	9031.90.19	--- Other	VAL			
	9031.90.20	-- For non-electrically operated equipment	VAL			
90.32		Automatic regulating or controlling instruments and apparatus.				
	9032.10	- Thermostats:				
	9032.10.10	-- Electrically operated	NMB			
	9032.10.20	-- Not electrically operated	NMB			
	9032.20	- Manostats:				
	9032.20.10	-- Electrically operated	NMB			
	9032.20.20	-- Not electrically operated	NMB			
		- Other instruments and apparatus:				
	9032.81.00	-- Hydraulic or pneumatic	NMB			

90.32 – 90.33 Section XVIII

Heading	Subheading	Description	Unit of Quantity	Customs Duty Full	Customs Duty Pref	Excise Duty
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	9032.89	-- Other:				
	9032.89.10	--- Instruments and apparatus incorporating or working in conjunction with an automatic data processing machine, for automatically regulating or controlling the propulsion, ballast or cargo handling systems of ships	NMB			
	9032.89.20	--- Automatic instruments and apparatus for regulating or controlling chemical or electrochemical solutions in the manufacture of printed circuit boards/printed wiring boards or printed circuit assemblies	NMB			
		--- Other, electrically operated:				
	9032.89.31	---- Automatic regulating voltage units (stabilisers)	NMB			
	9032.89.39	---- Other	NMB			
	9032.89.90	--- Other	NMB			
	9032.90	- Parts and accessories:				
	9032.90.10	-- Of goods of subheading 9032.89.10	VAL			
	9032.90.20	-- Of goods of subheading 9032.89.20	VAL			
	9032.90.30	-- Of other electrically operated goods	VAL			
	9032.90.90	-- Other	VAL			
90.33		Parts and accessories (not specified or included elsewhere in this Chapter) for machines, appliances, instruments or apparatus of Chapter 90.				
	9033.00.10	- For electrically operated equipment	VAL			
	9033.00.20	- For non-electrically operated equipment	VAL			