

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;
 - (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).
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:
 - (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.
3. The provisions of Notes 3 and 4 to Section XVI apply also to this Chapter.
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.
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.
6. For the purposes of heading 90.21, the expression “orthopaedic appliances” means appliances for:
 - Preventing or correcting bodily deformities; or
 - Supporting or holding parts of the body following an illness, operation or injury.

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.

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

7. Heading 90.32 applies only to:

- (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
- (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.

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Chapter 90—continued

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

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
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:		
9001.10.01	00J	kg	– – Optical fibre cables	7 7/2008 5	CA Free LDC 5.5 7/2008 5 TH Free TPA Free
9001.10.09	00K	kg	– – Other	Free	Free
9001.20.00	00F	..	– Sheets and plates of polarising material	Free	Free
9001.30.00	00K	..	– Contact lenses	Free	Free
9001.40.00	00C	..	– Spectacle lenses of glass	Free	Free
9001.50.00	00G	..	– Spectacle lenses of other materials	Free	Free
9001.90			– Other:		
9001.90.01	00H	..	– – Photographic colour filters	5	CA Free LDC 4 TH Free TPA Free
9001.90.09			– – Other	Free	Free
	01G	..	. . . Lenses and prisms, (other than ophthalmic contact lenses and spectacle lenses)		
	09B	..	. . . Polarising elements for spectacles		
	19K	..	. . . Other optical elements		
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:		
9002.11.00			– – For cameras, projectors or photographic enlargers or reducers	Free	Free
	01C	..	. . . For photographic cameras for micro-filming or for photo-process engraving; for 35 mm cinematographic cameras; photographic enlargers and reducers		
	11L	..	. . . For projectors		
	19F	..	. . . Other		
9002.19.00	00A	..	– – Other	5	CA Free LDC 4 TH Free TPA Free
9002.20.00			– Filters	5	CA Free LDC 4 TH Free TPA Free
	01B	..	. . . Photographic colour filters		
	09H	..	. . . Other		
9002.90.00	00K	..	– Other	5	CA Free LDC 4 TH Free TPA Free
90.03			Frames and mountings for spectacles, goggles or the like, and parts thereof:		
			– Frames and mountings:		
9003.11.00	00C	No.	– – Of plastics	6.5 7/2008 5	CA Free LDC 5 TH Free TPA Free
9003.19.00	00K	No.	– – Of other materials	6.5 7/2008 5	CA Free LDC 5 TH Free TPA Free
9003.90.00	00H	No.	– Parts	6.5 7/2008 5	CA Free LDC 5 TH Free TPA Free

*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

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

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
90.04			Spectacles, goggles and the like, corrective, protective or other:		
9004.10.00	01E	No.	– Sunglasses	Free	Free
9004.90			– Other:		
9004.90.01			– – Goggles and the like	5	Free TPA Free
	03G	No.	. . . Swim goggles		
	05C	No.	. . . Ski goggles		
	09F	No.	. . . Other		
9004.90.09			– – Other	6.5 7/2008 5	CA Free LDC 5 TH Free TPA Free
	01A	No.	. . . Frames for ophthalmic spectacles fitted temporarily with imitation lenses		
	09G	No.	. . . Other		
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	00E	..	– Binoculars	Free	Free
9005.80.00	00L	..	– Other instruments	Free	Free
9005.90.00	00D	..	– Parts and accessories (including mountings)	Free	Free
90.06			Photographic (other than cinematographic) cameras; photographic flashlight apparatus and flashbulbs other than discharge lamps of heading 85.39:		
9006.10.00	00C	No.	– Cameras of a kind used for preparing printing plates or cylinders	Free	Free
9006.30.00	00L	No.	– 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	Free	Free
9006.40.00	00D	No.	– Instant print cameras	Free	Free
			– Other cameras:		
9006.51.00	00B	No.	– – With a through-the-lens viewfinder (single lens reflex (SLR)), for roll film of a width not exceeding 35 mm	Free	Free
9006.52.00			– – Other, for roll film of a width less than 35 mm	Free	Free
	10D	No.	. . . Cameras of a kind used for recording documents on microfilm, microfiches or other microforms		
	19H	No.	. . . Other		
9006.53.00			– – Other, for roll film of a width of 35 mm	Free	Free
	10J	No.	. . . Cameras of a kind used for recording documents on microfilm, microfiches or other microforms		
	19B	No.	. . . Other		
9006.59.00			– – Other	Free	Free
	10F	No.	. . . Cameras of a kind used for recording documents on microfilm, microfiches or other microforms		
	19K	No.	. . . Other		
9006.61.00			– Photographic flashlight apparatus and flashbulbs:		
			– – Discharge lamp (“electronic”) flashlight apparatus	Free	Free
	01D	No.	. . . Portable		
	09K	No.	. . . Non-portable		
9006.69.00			– – Other	Free	Free
	10K	No.	. . . Flashbulbs, flashcubes and the like		
			. . . Other:		
	15L	No.	. . . . Portable		
	19C	No.	. . . . Non-portable		
			– Parts and accessories:		
9006.91.00			– – For cameras	Free	Free
	01E	..	. . . Of Tariff items 9006.10.00, 9006.52.00, 9006.53.00 and 9006.59.00		
	09L	..	. . . Other		
9006.99.00	00C	..	– – Other	Free	Free
90.07			Cinematographic cameras and projectors, whether or not incorporating sound recording or reproducing apparatus:		
			– Cameras:		
9007.11.00	00F	No.	– – For film of less than 16 mm width or for double-8 mm film	Free	Free
9007.19.00			– – Other	Free	Free
	01L	No.	. . . 35 mm		
	09F	No.	. . . Other		

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Chapter 90—continued

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

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
Cinematographic cameras and projectors, etc.—continued					
9007.20.00			– Projectors	Free	Free
	01C	No.	. . . For film of less than 16 mm width		
	09J	No.	. . . Other		
			– Parts and accessories:		
9007.91.00			– – For cameras	Free	Free
	01C	..	. . . . 35 mm		
	09J	..	. . . . Other		
9007.92.00	00K	..	– – For projectors	Free	Free
90.08			Image projectors, other than cinematographic; photographic (other than cinematographic) enlargers and reducers:		
9008.10.00	00K	No.	– Slide projectors	Free	Free
9008.20.00	00C	No.	– Microfilm, microfiche or other microform readers, whether or not capable of producing copies	Free	Free
9008.30.00	00G	No.	– Other image projectors	Free	Free
9008.40.00			– Photographic (other than cinematographic) enlargers and reducers	Free	Free
	01J	..	. . . For negatives of 6 cm x 7 cm or larger		
	09D	..	. . . Other		
9008.90.00			– Parts and accessories	Free	Free
	01G	No.	. . . Of image projectors		
			. . . Of photographic enlargers and reducers:		
	11D	..	. . . . For negatives of 6 cm x 7 cm or larger		
	19K	..	. . . . Other		
90.10			Apparatus and equipment for photographic (including cinematographic) laboratories, not specified or included elsewhere in this Chapter; negatoscopes; projection screens:		
9010.10.00	00A	..	– 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	5	CA Free LDC 4 TH Free TPA Free
9010.50			– Other apparatus and equipment for photographic (including cinematographic) laboratories; negatoscopes:		
9010.50.10	10J	..	– – Film measuring apparatus and footage counters	Free	Free
9010.50.90	10B	..	– – Other	5	CA Free LDC 4 TH Free TPA Free
9010.60.00	00K	..	– Projection screens	7 7/2008 5	CA 2 7/2008 Free LDC 5.5 7/2008 5 TH Free TPA Free
9010.90			– Parts and accessories:		
9010.90.01	10D	..	– – Of film measuring apparatus and footage counters	Free	Free
9010.90.09	00H	..	– – Of projection screens	7 7/2008 5	CA 2 7/2008 Free LDC 5.5 7/2008 5 TH Free TPA Free
9010.90.19	10L	..	– – Other	5	CA Free LDC 4 TH Free TPA Free
90.11			Compound optical microscopes, including those for photomicrography, cinephotomicrography or microprojection:		
9011.10.00	10G	..	– Stereoscopic microscopes	Free	Free
9011.20.00	10L	..	– Other microscopes, for photomicrography, cinephotomicrography or microprojection	Free	Free
9011.80.00	00E	..	– Other microscopes	Free	Free
9011.90.00	10F	..	– Parts and accessories	Free	Free

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

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
90.12			Microscopes other than optical microscopes; diffraction apparatus:		
9012.10.00	10E	..	– Microscopes other than optical microscopes; diffraction apparatus	Free	Free
9012.90.00	10D	..	– Parts and accessories	Free	Free
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	00F	..	– Telescopic sights for fitting to arms; periscopes; telescopes designed to form parts of machines, appliances, instruments or apparatus of this Chapter or Section XVI	Free	Free
9013.20.00	00K	..	– Lasers, other than laser diodes	Free	Free
9013.80.00		..	– Other devices, appliances and instruments	Free	Free
	01K	..	.. . . Liquid crystal devices		
	09E	..	.. . . Other		
9013.90.00	00E	..	– Parts and accessories	Free	Free
90.14			Direction finding compasses; other navigational instruments and appliances:		
9014.10.00	00D	..	– Direction finding compasses	Free	Free
9014.20.00	00H	..	– Instruments and appliances for aeronautical or space navigation (other than compasses)	7 7/2008 5	CA Free TH Free TPA Free
9014.80.00	00K	..	– Other instruments and appliances	7 7/2008 5	CA Free TH Free TPA Free
9014.90.00	00C	..	– Parts and accessories	Free	Free
90.15			Surveying (including photogrammetrical surveying), hydrographic, oceanographic, hydrological, meteorological or geophysical instruments and appliances, excluding compasses; rangefinders:		
9015.10.00	00B	..	– Rangefinders	Free	Free
9015.20.00	00F	..	– Theodolites and tacheometers	Free	Free
9015.30.00	00K	..	– Levels	Free	Free
9015.40.00	00C	..	– Photogrammetrical surveying instruments and appliances	Free	Free
9015.80.00	00H	..	– Other instruments and appliances	7 7/2008 5	CA Free TH Free TPA Free
9015.90.00	00A	..	– Parts and accessories	Free	Free
90.16			Balances of a sensitivity of 5 cg or better, with or without weights		
9016.00.00	00G	..		Free	Free
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:		
9017.10.00	00J	..	– Drafting tables and machines, whether or not automatic	Free	Free
9017.20		..	– Other drawing, marking-out or mathematical calculating instruments:		
9017.20.01	10F	..	-- Mathematical calculating instruments, slide rules, disc calculators and the like	Free	Free
9017.20.19		..	-- Other	Free	Free
	10B	..	.. . . Rules		
	19F	..	.. . . Other		
9017.30.00	00F	..	– Micrometers, callipers and gauges	Free	Free
9017.80		..	– Other instruments:		
9017.80.11	00F	..	-- Rulers	Free	Free
9017.80.19	00G	..	-- Other	7 7/2008 5	CA Free TH Free TPA Free
9017.90		..	– Parts and accessories:		
9017.90.01	10A	..	-- Mathematical calculating instruments, slide rules, disc calculators and the like	Free	Free
9017.90.09	10B	..	-- Other	Free	Free

*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 90—continued

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

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
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	00A	..	-- Electro-cardiographs	Free	Free
9018.12.00	00F	..	-- Ultrasonic scanning apparatus	Free	Free
9018.13.00	00L	..	-- Magnetic resonance imaging apparatus	Free	Free
9018.14.00	00E	..	-- Scintigraphic apparatus	Free	Free
9018.19.00	00H	..	-- Other	Free	Free
9018.20.00	00L	..	– Ultra-violet or infra-red ray apparatus	Free	Free
			– Syringes, needles, catheters, cannulae and the like:		
9018.31			-- Syringes, with or without needles:		
9018.31.01	00E	No.	--- Syringes, drenching	Free	Free
9018.31.09	00F	..	--- Other	Free	Free
9018.32.00	00C	..	-- Tubular metal needles and needles for sutures	Free	Free
9018.39.00	00E	..	-- Other	Free	Free
			– Other instruments and appliances, used in dental sciences:		
9018.41.00	00B	..	-- Dental drill engines, whether or not combined on a single base with other dental equipment	Free	Free
9018.49.00	00J	..	-- Other	Free	Free
9018.50			– Other ophthalmic instruments and appliances:		
9018.50.01	00H	..	-- Electro-medical apparatus	Free	Free
9018.50.09	00J	..	-- Other	Free	Free
9018.90			– Other instruments and appliances:		
9018.90.02			-- Electro-medical apparatus	Free	Free
	01G	..	. . . . Incubators for babies		
	09B	..	. . . . Other		
9018.90.19	00J	..	-- Other	Free	Free
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:		
			-- Massage apparatus:		
9019.10.01	00A	No.	--- Vibratory massage machines	5	CA Free LDC 4 TH Free TPA Free
9019.10.09	00B	No.	--- Other	Free	Free
9019.10.11	00G	No.	-- Psychological aptitude-testing apparatus	Free	Free
9019.10.19	00H	No.	-- Other	Free	Free
9019.20.00	00J	..	– Ozone therapy, oxygen therapy, aerosol therapy, artificial respiration or other therapeutic respiration apparatus	Free	Free
90.20			Other breathing appliances and gas masks, excluding protective masks having neither mechanical parts nor replaceable filters		
9020.00.00	00E	..		Free	Free
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	Free	Free
	11B	..	. . . Veterinary orthopaedic appliances		
	19H	..	. . . Other		
			– Artificial teeth and dental fittings:		
9021.21.00	00E	No.	-- Artificial teeth	Free	Free
9021.29.00			-- Other	Free	Free
	01K	..	. . . . Dentists' accessories for making crowns or dentures		
	09E	..	. . . . Other		

*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

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

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
Orthopaedic appliances, including crutches, etc.—continued					
– Other artificial parts of the body:					
9021.31.00	00J	..	-- Artificial joints	Free	Free
9021.39.00			-- Other	Free	Free
	11L	No.	. . . Limbs and parts of limbs		
	15C	..	. . . Eyes		
	19F	..	. . . Other		
9021.40.00	00H	No.	– Hearing aids, excluding parts and accessories	Free	Free
9021.50.00	00A	..	– Pacemakers for stimulating heart muscles, excluding parts and accessories	Free	Free
9021.90.00			– Other	Free	Free
			. . Other appliances which are worn or carried, or implanted in the body, to compensate for a defect or disability:		
	01D	..	. . . Parts of hearing aids		
	09K	..	. . . Other		
	19G	..	. . . Other		
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	00D	..	-- Computed tomography apparatus	Free	Free
9022.13.00	00J	..	-- Other, for dental uses	Free	Free
9022.14.00	00C	..	-- Other, for medical, surgical or veterinary uses	Free	Free
9022.19.00	00F	..	-- For other uses	Free	Free
– 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	00C	..	-- For medical, surgical, dental or veterinary uses	Free	Free
9022.29.00	00K	..	-- For other uses	Free	Free
9022.30.00	00B	No.	– X-ray tubes	Free	Free
9022.90.00			– Other, including parts and accessories	Free	Free
	01B	No.	. . X-ray generators		
			. . . Parts of X-ray generators and tubes:		
	11K	No.	. . . Generators		
	19E	No.	. . . Tubes		
	29B	..	. . . Other		
90.23	Instruments, apparatus and models, designed for demonstrational purposes (for example, in education or exhibitions), unsuitable for other uses				
9023.00.00	00K	..		Free	Free
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):				
9024.10.00	00A	..	– Machines and appliances for testing metals	Free	Free
9024.80.00	00G	..	– Other machines and appliances	7 7/2008 5	CA Free TH Free TPA Free
9024.90.00	00L	..	– Parts and accessories	Free	Free
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	00D	..	-- Liquid-filled, for direct reading	7 7/2008 5	CA Free LDC 5.5 7/2008 5 TH Free TPA Free

*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 90—continued

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

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
Hydrometers and similar floating instruments, etc.—continued					
– Thermometers and pyrometers, not combined with, etc.—continued					
9025.19.00	00L	..	-- Other	7 7/2008 5	CA Free LDC 5.5 7/2008 5 TH Free TPA Free
9025.80.00			– Other instruments	7 7/2008 5	CA Free LDC 5.5 7/2008 5 TH Free TPA Free
	01C	..	. . . Barometers, not combined with other instruments		
	09J	..	. . . Other		
9025.90.00	00J	..	– Parts and accessories	Free	Free
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:				
9026.10.00	00H	..	– For measuring or checking the flow or level of liquids	7 7/2008 5	CA Free LDC 5.5 7/2008 5 TH Free TPA Free
9026.20			– For measuring or checking pressure:		
9026.20.01	00H	..	-- Automotive vacuum gauges	Free	Free
9026.20.09	00J	..	-- Other	7 7/2008 5	CA Free LDC 5.5 7/2008 5 TH Free TPA Free
9026.80.00	00C	..	– Other instruments or apparatus	7 7/2008 5	CA Free LDC 5.5 7/2008 5 TH Free TPA Free
9026.90.00	00G	..	– Parts and accessories		The rates applicable to the articles for which the parts or accessories have been designed
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:				
9027.10.00	00F	..	– Gas or smoke analysis apparatus	Free	Free
9027.20.00	00K	..	– Chromatographs and electrophoresis instruments	Free	Free
9027.30.00	00C	..	– Spectrometers, spectrophotometers and spectrographs using optical radiations (UV, visible, IR)	Free	Free
9027.50.00	00L	..	– Other instruments and apparatus using optical radiations (UV, visible, IR)	Free	Free
9027.80.00			– Other instruments and apparatus	Free	Free
	10J	..	. . . Exposure meters		
	19B	..	. . . Other		
9027.90.00			– Microtomes; parts and accessories	Free	Free
	01C	No.	. . . Microtomes		
	09J	..	. . . Parts and accessories		
90.28	Gas, liquid or electricity supply or production meters, including calibrating meters therefor:				
9028.10.00			– Gas meters	Free	Free
	01B	No.	. . . Domestic		
	09H	No.	. . . Other		
9028.20.00			– Liquid meters	5	Free TPA Free
	01F	No.	. . . Water meters		
	09A	No.	. . . Other		

*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

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

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
Gas, liquid or electricity supply or production meters, etc.—continued					
9028.30.00			– Electricity meters	Free	Free
	01K	No.	. . . House service		
	09E	No.	. . . Other		
9028.90.00	00C	..	– Parts and accessories	The rates applicable to the articles for which the parts or accessories have been designed	
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:					
9029.10.00			– Revolution counters, production counters, taximeters, mileometers, pedometers and the like	Free	Free
	01L	No.	. . . Taximeters		
	09F	No.	. . . Billiards meters		
	19C	..	. . . Other		
9029.20.00			– Speed indicators and tachometers; stroboscopes	Free	Free
	01D	..	. . . Stroboscopes		
	09K	..	. . . Other		
9029.90.00	00A	..	– Parts and accessories	Free	Free
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	00F	..	– Instruments and apparatus for measuring or detecting ionising radiations	Free	Free
9030.20			– Oscilloscopes and oscillographs:		
9030.20.01	00F	..	-- Cathode-ray oscilloscopes and cathode-ray oscillographs	Free	Free
9030.20.09	00G	..	-- Other, with a recording device	7 7/2008 5	CA Free TH Free TPA Free
9030.20.19	00B	..	-- Other	7 7/2008 5	CA Free TH Free TPA Free
			– Other instruments and apparatus, for measuring or checking voltage, current, resistance or power:		
9030.31.00	10E	..	-- Multimeters without a recording device	7 7/2008 5	CA Free TH Free TPA Free
9030.32.00	00B	..	-- Multimeters with a recording device	7 7/2008 5	CA Free TH Free TPA Free
9030.33.00	00G	..	-- Other, without a recording device	7 7/2008 5	CA Free TH Free TPA Free
9030.39.00	10A	..	-- Other, with a recording device	7 7/2008 5	CA Free TH Free TPA Free
9030.40.00	00G	..	– Other instruments and apparatus, specially designed for telecommunications (for example, cross-talk meters, gain measuring instruments, distortion factor meters, psophometers)	Free	Free
			– Other instruments and apparatus:		
9030.82.00			-- For measuring or checking semiconductor wafers or devices	Free	Free
	01J	..	. . . . With a recording device		
	09D	..	. . . . Other		
9030.84.00	00K	..	-- Other, with a recording device	7 7/2008 5	CA Free TH Free TPA Free
9030.89.00	10K	..	-- Other	7 7/2008 5	CA Free TH Free TPA Free
9030.90.00	00E	..	– Parts and accessories	The rates applicable to the articles for which the parts or accessories have been designed	

*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 90—continued

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

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
90.31			Measuring or checking instruments, appliances and machines, not specified or included elsewhere in this Chapter; profile projectors:		
9031.10.00	00D	..	– Machines for balancing mechanical parts	7 7/2008 5	CA Free TH Free TPA Free
9031.20.00	00H	..	– Test benches	7 7/2008 5	CA Free TH Free TPA Free
			– Other optical instruments and appliances:		
9031.41.00	00K	..	-- For inspecting semiconductor wafers or devices or for inspecting photomasks or reticles used in manufacturing semiconductor devices	Free	Free
9031.49.00			-- Other	Free	Free
	10C	..	. . . . Profile projectors		
	19G	..	. . . . Other		
9031.80			– Other instruments, appliances and machines:		
9031.80.02	00B	..	-- Load cells with a capacity between 150 kilograms and 100 tonnes	Free	Free
9031.80.08	00L	..	-- Other	7 7/2008 5	CA Free TH Free TPA Free
9031.90.00	00C	..	– Parts and accessories		The rates applicable to the articles for which the parts or accessories have been designed
90.32			Automatic regulating or controlling instruments and apparatus:		
9032.10			– Thermostats:		
9032.10.01	00J	..	-- Designed solely for use with refrigerating apparatus	Free	Free
9032.10.09	00K	..	-- Other	7 7/2008 5	CA Free LDC 5.5 7/2008 5 TH Free TPA Free
9032.20.00	00F	..	– Manostats	7 7/2008 5	CA Free TH Free TPA Free
			– Other instruments and apparatus:		
9032.81.00	00B	..	-- Hydraulic or pneumatic	7 7/2008 5	CA Free LDC 5.5 7/2008 5 TH Free TPA Free
9032.89.00	00J	..	-- Other	7 7/2008 5	CA Free TH Free TPA Free
9032.90.00	00A	..	– Parts and accessories		The rates applicable to the articles for which the parts or accessories have been designed
90.33			Parts and accessories (not specified or included elsewhere in this Chapter) for machines, appliances, instruments or apparatus of Chapter 90		
9033.00.00	00G	..			The rates applicable to the articles for which the parts or accessories have been designed

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