



COMBINED NO-  
MENCLATURE  
CLASSIFICATION  
STRUCTURE



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

June 2024

*ExportPlanning: Combined Nomenclature Classification Structure*  
Copyright © 2024 StudiaBo srl

StudiaBo srl via Santo Stefano, 57 - 40125 Bologna Italy

This work is covered by the Creative Commons Public License Attribution - No Commercial - No derivative works 2.5 Generic (CC BY-NC-ND 2.5) or rear. The statement in the full version License 2.5 is available at <http://creativecommons.org/licenses/by-nc-nd/2.5/deed.it>.

> You are free to produce, distribute, communicate to the public, display, in public, represent, and perform the work under the following terms:

**Attribution** You must attribute the work in the manner specified by the author or the person to whom this work was licensed; in this case it is StudiaBo srl.

**No Commercial** You may not use this work for commercial purposes.

**No derivative works** You may not alter, transform, or build upon.

> Each time you use or distribute this work, it must be done according to the terms of this license, which must be communicated clearly.

> In any case you can agree with the owner of the copyright (StudiaBo srl) in derogation of this work using this license.

Trade names, logos and trademarks belong to their respective owners.

The tables presented in this document contain the following information:

**Products description** It contains the structure of the product description of the Combined Nomenclature Classification; version 2024;

**Codes** It contains the 8 digits code of the Combined Nomenclature Classification, version 2024;

**XUE** Returns total value of exports in millions of euro of 27 EU member states, in 2023;

**MUE** Returns total value of imports in millions of euro of 27 EU member states, in 2023;

**CODUL** It contains the ExportPlanning Classification code 2024.

# Table of Contents

<b>1 CHAPTER 90 - OPTICAL, PHOTOGRAPHIC, CINEMATOGRAPHIC, MEASURING, CHECKING, PRECISION, MEDICAL OR SURGICAL INSTRUMENTS AND APPARATUS; PARTS AND ACCESSORIES THEREOF</b>	<b>6</b>
Optical fibres and optical fibre bundles; optical fibre cables other than those of heading 8544; 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 . . . . .	6
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 . . . . .	7
Frames and mountings for spectacles, goggles or the like, and parts thereof . . . . .	7
Spectacles, goggles and the like, corrective, protective or other . . . . .	7
Binoculars, monoculars, other optical telescopes, and mountings therefor; other astronomical instruments and mountings therefor, but not including instruments for radio-astronomy . . . . .	8
Photographic (other than cinematographic) cameras; photographic flashlight apparatus and flashbulbs other than discharge lamps of heading 8539 . . . . .	8
Cinematographic cameras and projectors, whether or not incorporating sound recording or reproducing apparatus . . . . .	8
Image projectors, other than cinematographic; photographic (other than cinematographic) enlargers and reducers . . . . .	9
Apparatus and equipment for photographic (including cinematographic) laboratories, not specified or included elsewhere in this chapter; negatoscopes; projection screens . . . . .	9
Compound optical microscopes, including those for photomicrography, cinephotomicrography or microprojection . . . . .	9
Microscopes other than optical microscopes; diffraction apparatus . . . . .	10
Lasers, other than laser diodes; other optical appliances and instruments, not specified or included elsewhere in this chapter . . . . .	10
Direction finding compasses; other navigational instruments and appliances . . . . .	10
Surveying (including photogrammetrical surveying), hydrographic, oceanographic, hydrological, meteorological or geophysical instruments and appliances, excluding compasses; rangefinders . . . . .	11
Balances of a sensitivity of 5 cg or better, with or without weights . . . . .	11
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 . . . . .	11
Instruments and appliances used in medical, surgical, dental or veterinary sciences, including scintigraphic apparatus, other electromedical apparatus and sight-testing instruments . . . . .	12
appliances; massage apparatus; psychological aptitude-testing apparatus; ozone therapy, oxygen therapy, aerosol therapy, artificial respiration or other therapeutic respiration apparatus . . . . .	13

Other breathing appliances and gas masks, excluding protective masks having neither mechanical parts nor replaceable filters . . . . .	14
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 . . . . .	14
Apparatus based on the use of X-rays or of alpha, beta, gamma or other ionising radiation, 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 . . . . .	15
Instruments, apparatus and models, designed for demonstrational purposes (for example, in education or exhibitions), unsuitable for other uses . . . . .	15
Machines and appliances for testing the hardness, strength, compressibility, elasticity or other mechanical properties of materials (for example, metals, wood, textiles, paper, plastics) . . . . .	15
Hydrometers and similar floating instruments, thermometers, pyrometers, barometers, hygrometers and psychrometers, recording or not, and any combination of these instruments . . . . .	16
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 . . . . .	16
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 . . . . .	17
Gas, liquid or electricity supply or production meters, including calibrating meters therefor . . . . .	18
Revolution counters, production counters, taximeters, milometers, pedometers and the like; speed indicators and tachometers, other than those of heading 9014 or 9015; stroboscopes . . . . .	18
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 radiation . . . . .	18
Measuring or checking instruments, appliances and machines, not specified or included elsewhere in this chapter; profile projectors . . . . .	19
Automatic regulating or controlling instruments and apparatus . . . . .	20
Parts and accessories (not specified or included elsewhere in this chapter) for machines, appliances, instruments or apparatus of Chapter 90 . . . . .	20
<b>2 CHAPTER 91 - CLOCKS AND WATCHES AND PARTS THEREOF</b>	<b>21</b>
Wristwatches, pocket-watches and other watches, including stopwatches, with case of precious metal or of metal clad with precious metal . . . . .	21
Wristwatches, pocket-watches and other watches, including stopwatches, other than those of heading 9101 . . . . .	21
Clocks with watch movements, excluding clocks of heading 9104 . . . . .	22
Instrument panel clocks and clocks of a similar type for vehicles, aircraft, spacecraft or vessels . . . . .	22
Other clocks . . . . .	22
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) . . . . .	22

Time switches, with clock or watch movement or with synchronous motor . . . . .	23
Watch movements, complete and assembled . . . . .	23
Clock movements, complete and assembled . . . . .	23
Complete watch or clock movements, unassembled or partly assembled (movement sets); incomplete watch or clock movements, assembled; rough watch or clock movements . . . . .	23
Watch cases and parts thereof . . . . .	24
Clock cases and cases of a similar type for other goods of this chapter, and parts thereof . . . . .	24
Watch straps, watch bands and watch bracelets, and parts thereof . . . . .	24
Other clock or watch parts . . . . .	24
<b>3 CHAPTER 92 - MUSICAL INSTRUMENTS; PARTS AND ACCESSORIES OF SUCH ARTICLES</b>	<b>25</b>
Pianos, including automatic pianos; harpsichords and other keyboard stringed instruments . . . . .	25
Other string musical instruments (for example, guitars, violins, harps) . . . . .	25
Wind musical instruments (for example, keyboard pipe organs, accordions, clarinets, trumpets, bagpipes), other than fairground organs and mechanical street organs	25
Percussion musical instruments (for example, drums, xylophones, cymbals, castanets, maracas) . . . . .	26
Musical instruments, the sound of which is produced, or must be amplified, electrically (for example, organs, guitars, accordions) . . . . .	26
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 . . . . .	26
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 . . . . .	26

## CHAPTER 90 - OPTICAL, PHOTOGRAPHIC, CINEMATOGRAPHIC, MEASURING, CHECKING, PRECISION, MEDICAL OR SURGICAL INSTRUMENTS AND APPARATUS; PARTS AND ACCESSORIES THEREOF

**Optical fibres and optical fibre bundles; optical fibre cables other than those of heading 8544; 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**

Products description	Codes	XUE	MUE	CODUL
Optical fibres, optical fibre bundles and cables				
- Image conductor cables	CN900110.10	11.7	38.8	UL900110
- Other	CN900110.90	583.8	730.6	UL900110
Sheets and plates of polarising material	CN900120.00	17.5	41.9	UL900120
Contact lenses	CN900130.00	3069.5	2054.4	UL900130
Spectacle lenses of glass				
- Not for the correction of vision	CN900140.20	40.3	63.4	UL900140
- For the correction of vision				
- - Both sides finished				
- - - Single focal	CN900140.41	21.4	39.6	UL900140
- - - Other	CN900140.49	32.3	30.0	UL900140
- - Other	CN900140.80	15.6	20.9	UL900140
Spectacle lenses of other materials				
- Not for the correction of vision	CN900150.20	63.7	129.3	UL900150
- For the correction of vision				
- - Both sides finished				
- - - Single focal	CN900150.41	747.3	992.3	UL900150
- - - Other	CN900150.49	556.6	695.8	UL900150
- - Other	CN900150.80	527.5	760.0	UL900150
Other	CN900190.00	1055.2	1458.8	UL900190

### 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

Products description	Codes	XUE	MUE	CODUL
Objective lenses				
- For cameras, projectors or photographic enlargers or reducers	CN900211.00	1307.7	1918.2	UL900211
- Other	CN900219.00	3004.0	942.6	UL900219
Filters	CN900220.00	111.0	139.4	UL900220
Other	CN900290.00	875.1	655.3	UL900290

### Frames and mountings for spectacles, goggles or the like, and parts thereof

Products description	Codes	XUE	MUE	CODUL
Frames and mountings				
- Of plastics	CN900311.00	1491.6	1187.2	UL900310
- Of other materials	CN900319.00	1139.7	1122.8	UL900310
Parts	CN900390.00	230.1	271.9	UL900390

### Spectacles, goggles and the like, corrective, protective or other

Products description	Codes	XUE	MUE	CODUL
Sunglasses				
- With lenses optically worked	CN900410.10	170.7	96.4	UL900410
- Other				
- - With lenses of plastics	CN900410.91	3488.5	2052.6	UL900410
- - Other	CN900410.99	924.3	406.7	UL900410
Other				
- With lenses of plastics	CN900490.10	691.1	740.0	UL900490
- Other	CN900490.90	220.8	301.8	UL900490

**Binoculars, monoculars, other optical telescopes, and mountings therefor; other astronomical instruments and mountings therefor, but not including instruments for radio-astronomy**

Products description	Codes	XUE	MUE	CODUL
Binoculars	CN900510.00	290.0	246.9	UL900510
Other instruments	CN900580.00	220.4	196.4	UL900580
Parts and accessories (including mountings)	CN900590.00	85.8	87.4	UL900590

**Photographic (other than cinematographic) cameras; photographic flashlight apparatus and flashbulbs other than discharge lamps of heading 8539**

Products description	Codes	XUE	MUE	CODUL
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	CN900630.00	21.9	28.0	UL9006A0
Instant print cameras	CN900640.00	160.0	248.3	UL900640
Other cameras				
- For roll film of a width of 35 mm				
- - Disposable cameras	CN900653.10	37.0	46.6	UL900653
- - Other	CN900653.80	23.3	10.2	UL900653
- Other	CN900659.00	38.3	53.3	UL900659
Photographic flashlight apparatus and flashbulbs				
- Discharge lamp (electronic) flashlight apparatus	CN900661.00	46.8	52.4	UL900660
- Other	CN900669.00	14.5	17.5	UL900660
Parts and accessories				
- For cameras	CN900691.00	88.6	120.6	UL900691
- Other	CN900699.00	88.2	51.6	UL900699

**Cinematographic cameras and projectors, whether or not incorporating sound recording or reproducing apparatus**

Products description	Codes	XUE	MUE	CODUL
----------------------	-------	-----	-----	-------



Cameras	CN900710.00	48.1	38.9	UL900700
Projectors	CN900720.00	5.7	23.4	UL900720
Parts and accessories				
- For cameras	CN900791.00	61.5	75.7	UL900791
- For projectors	CN900792.00	11.1	13.7	UL900792

### Image projectors, other than cinematographic; photographic (other than cinematographic) enlargers and reducers

Products description	Codes	XUE	MUE	CODUL
Projectors, enlargers and reducers	CN900850.00	31.6	23.9	UL900800
Parts and accessories	CN900890.00	10.0	15.7	UL900890

### Apparatus and equipment for photographic (including cinematographic) laboratories, not specified or included elsewhere in this chapter; negatoscopes; projection screens

Products description	Codes	XUE	MUE	CODUL
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	CN901010.00	13.1	8.0	UL901010
Other apparatus and equipment for photographic (including cinematographic) laboratories; negatoscopes	CN901050.00	40.0	15.3	UL901050
Projection screens	CN901060.00	80.1	71.1	UL901060
Parts and accessories				
- Of apparatus and equipment of subheadings 90105000 or 90106000	CN901090.20	3.7	10.7	UL901090
- Other	CN901090.80	15.8	18.5	UL901090

### Compound optical microscopes, including those for photomicrography, cinephotomicrography or microprojection

Products description	Codes	XUE	MUE	CODUL
Stereoscopic microscopes	CN901110.00	565.1	154.8	UL901100
Other microscopes, for photomicrography, cinephotomicrography or microprojection				
- Photomicrographic microscopes fitted with equipment specifically designed for the handling and transport of semiconductor wafers or reticles	CN901120.10	3.8	3.1	UL901100

- Other	CN901120.90	17.7	31.5	UL901100
Other microscopes	CN901180.00	696.7	254.3	UL901100
Parts and accessories	CN901190.00	417.3	377.4	UL901190

### Microscopes other than optical microscopes; diffraction apparatus

Products description	Codes	XUE	MUE	CODUL
Microscopes other than optical microscopes; diffraction apparatus	CN901210.00	1854.8	521.5	UL901210
Parts and accessories	CN901290.00	520.4	530.4	UL901290

### Lasers, other than laser diodes; other optical appliances and instruments, not specified or included elsewhere in this chapter

Products description	Codes	XUE	MUE	CODUL
Telescopic sights for fitting to arms; periscopes; telescopes designed to form parts of machines, appliances, instruments or apparatus of this chapter or Section XVI				
- Telescopes designed to form parts of machines, appliances, instruments or apparatus of this chapter or Section XVI	CN901310.10	215.8	77.4	UL901310
- Other	CN901310.90	435.6	234.9	UL901310
Lasers, other than laser diodes	CN901320.00	2745.2	2006.5	UL901320
Other devices, appliances and instruments				
- Passive optical splitters, not containing any electrical or electronic elements, for telecommunications	CN901380.40	1913.8	1909.4	UL901380
- Other	CN901380.80	356.6	445.8	UL901380
Parts and accessories				
- For telescopic sights for fitting to arms or for periscopes	CN901390.05	107.4	59.5	UL901390
- Other	CN901390.80	596.0	466.2	UL901390

### Direction finding compasses; other navigational instruments and appliances

Products description	Codes	XUE	MUE	CODUL
Direction finding compasses	CN901410.00	101.3	61.1	UL901410
Instruments and appliances for aeronautical or space navigation (other than compasses)				
- Inertial navigation systems	CN901420.20	382.1	458.7	UL901420
- Other	CN901420.80	654.2	880.7	UL901420

Other instruments and appliances	CN901480.00	616.9	525.1	UL901480
Parts and accessories	CN901490.00	446.2	469.5	UL901490

### Surveying (including photogrammetrical surveying), hydrographic, oceanographic, hydrological, meteorological or geophysical instruments and appliances, excluding compasses; rangefinders

Products description	Codes	XUE	MUE	CODUL
Rangefinders	CN901510.00	343.8	246.6	UL901510
Theodolites and tachymeters (tacheometers)	CN901520.00	264.5	266.9	UL901520
Levels				
- Electronic	CN901530.10	253.9	306.6	UL901530
- Other	CN901530.90	24.8	30.1	UL901530
Photogrammetrical surveying instruments and appliances	CN901540.00	63.6	58.0	UL901540
Other instruments and appliances				
- Meteorological, hydrological and geophysical instruments and apparatus	CN901580.20	675.1	365.3	UL901580
- Instruments and appliances used in geodesy, topography, surveying or levelling; hydrographic instruments	CN901580.40	248.3	174.9	UL901580
- Other	CN901580.80	260.1	268.4	UL901580
Parts and accessories	CN901590.00	455.1	331.2	UL901590

### Balances of a sensitivity of 5 cg or better, with or without weights

Products description	Codes	XUE	MUE	CODUL
Balances	CN901600.10	251.6	167.7	UL901600
Parts and accessories	CN901600.90	23.3	19.4	UL901600

### 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

Products description	Codes	XUE	MUE	CODUL
----------------------	-------	-----	-----	-------

Drafting tables and machines, whether or not automatic				
- Plotters	CN901710.10	8.0	7.0	UL901710
- Other	CN901710.90	3.4	2.6	UL901710
Other drawing, marking-out or mathematical calculating instruments				
- Plotters	CN901720.05	6.4	8.3	UL901720
- Other drawing instruments	CN901720.10	37.3	41.6	UL901720
- Marking-out instruments	CN901720.39	33.2	31.7	UL901720
- Mathematical calculating instruments (including slide rules, disc calculators and the like)	CN901720.90	6.1	14.3	UL901720
Micrometers, callipers and gauges	CN901730.00	150.4	222.8	UL901730
Other instruments				
- Measuring rods and tapes and divided scales	CN901780.10	191.2	247.5	UL901780
- Other	CN901780.90	107.2	106.2	UL901780
Parts and accessories	CN901790.00	29.1	25.2	UL901790

### Instruments and appliances used in medical, surgical, dental or veterinary sciences, including scintigraphic apparatus, other electromedical apparatus and sight-testing instruments

Products description	Codes	XUE	MUE	CODUL
Electrodiagnostic apparatus (including apparatus for functional exploratory examination or for checking physiological parameters)				
- Electrocardiographs	CN901811.00	361.6	434.6	UL901811
- Ultrasonic scanning apparatus	CN901812.00	1399.5	1872.7	UL901812
- Magnetic resonance imaging apparatus	CN901813.00	3056.3	2293.4	UL901813
- Scintigraphic apparatus	CN901814.00	130.0	264.8	UL901814
- Other				
- - Monitoring apparatus for simultaneous monitoring of two or more parameters	CN901819.10	1408.6	891.1	UL901819
- - Other	CN901819.90	4661.3	5276.4	UL901819
Ultraviolet or infra-red ray apparatus	CN901820.00	366.4	133.0	UL901820
Syringes, needles, catheters, cannulae and the like				
- Syringes, with or without needles				
- - Of plastics	CN901831.10	1604.9	1915.1	UL901831

- - Other	CN901831.90	1890.7	1971.8	UL901831
- Tubular metal needles and needles for sutures				
- - Tubular metal needles	CN901832.10	1162.8	889.6	UL901832
- - Needles for sutures	CN901832.90	95.9	116.2	UL901832
- Other	CN901839.00	18102.0	14634.5	UL901839
Other instruments and appliances, used in dental sciences				
- Dental drill engines, whether or not combined on a single base with other dental equipment	CN901841.00	319.3	162.2	UL901841
- Other				
- - Burrs, discs, drills and brushes, for use in dental drills	CN901849.10	411.2	302.6	UL901849
- - Other	CN901849.90	2819.9	2139.7	UL901849
Other ophthalmic instruments and appliances				
- Non-optical	CN901850.10	851.8	1071.5	UL901850
- Optical	CN901850.90	1599.1	902.9	UL901850
Other instruments and appliances				
- Instruments and apparatus for measuring blood-pressure	CN901890.10	372.8	452.5	UL901890
- Endoscopes	CN901890.20	2125.3	1618.2	UL901890
- Renal dialysis equipment (artificial kidneys, kidney machines and dialysers)	CN901890.30	2033.0	1261.5	UL901890
- Diathermic apparatus	CN901890.40	734.9	527.0	UL901890
- Transfusion and infusion apparatus	CN901890.50	1609.9	1394.9	UL901890
- Anaesthetic apparatus and instruments	CN901890.60	1361.0	1097.3	UL901890
- Apparatus for nerve stimulation	CN901890.75	242.8	263.0	UL901890
- Other	CN901890.84	18368.7	16443.8	UL901890

**appliances; massage apparatus; psychological aptitude-testing apparatus; ozone therapy, oxygen therapy, aerosol therapy, artificial respiration or other therapeutic respiration apparatus**

Products description	Codes	XUE	MUE	CODUL
Mechano-therapy appliances; massage apparatus; psychological aptitude-testing apparatus				
- Electrical vibratory-massage apparatus	CN901910.10	486.0	693.2	UL901910
- Other	CN901910.90	940.5	950.8	UL901910
Ozone therapy, oxygen therapy, aerosol therapy, artificial respiration or other therapeutic respiration apparatus				
- Mechanical ventilation apparatus, capable of providing invasive ventilation	CN901920.10	428.8	313.4	UL901920

- Mechanical ventilation apparatus, non-invasive	CN901920.20	581.2	594.7	UL901920
- Other, including parts and accessories	CN901920.90	2026.2	2181.4	UL901920

### Other breathing appliances and gas masks, excluding protective masks having neither mechanical parts nor replaceable filters

Products description	Codes	XUE	MUE	CODUL
Gas masks	CN902000.10	224.1	135.8	UL902000
Other, including parts and accessories	CN902000.90	570.8	444.7	UL902000

### 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

Products description	Codes	XUE	MUE	CODUL
Orthopaedic or fracture appliances				
- Orthopaedic appliances	CN902110.10	2240.6	2815.9	UL902110
- Splints and other fracture appliances	CN902110.90	1730.8	2050.3	UL902110
Artificial teeth and dental fittings				
- Artificial teeth				
- - Of plastics	CN902121.10	113.8	144.9	UL902121
- - Of other materials	CN902121.90	109.1	169.4	UL902121
- Other	CN902129.00	1605.3	1456.9	UL902129
Other artificial parts of the body				
- Artificial joints	CN902131.00	8767.6	6164.6	UL902131
- Other				
- - Ocular prostheses	CN902139.10	1375.3	775.0	UL902139
- - Other	CN902139.90	4916.3	5684.1	UL902139
Hearing aids, excluding parts and accessories	CN902140.00	2903.9	2161.9	UL902140
Pacemakers for stimulating heart muscles, excluding parts and accessories	CN902150.00	3486.0	2688.0	UL902150
Other				
- Parts and accessories of hearing aids	CN902190.10	1344.9	944.0	UL902190
- Other	CN902190.90	7827.6	6131.5	UL902190

**Apparatus based on the use of X-rays or of alpha, beta, gamma or other ionising radiation, 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**

Products description	Codes	XUE	MUE	CODUL
Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus				
- Computed tomography apparatus	CN902212.00	2452.4	1260.0	UL902212
- Other, for dental uses	CN902213.00	379.8	144.1	UL902213
- Other, for medical, surgical or veterinary uses	CN902214.00	4064.6	1624.4	UL902214
- For other uses	CN902219.00	1214.3	515.1	UL902219
Apparatus based on the use of alpha, beta, gamma or other ionising radiation, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus				
- For medical, surgical, dental or veterinary uses	CN902221.00	167.6	76.5	UL902221
- For other uses	CN902229.00	60.7	35.3	UL902229
X-ray tubes	CN902230.00	884.1	612.6	UL902230
Other, including parts and accessories				
- Parts and accessories of apparatus based on the use of X-rays	CN902290.20	2653.3	2265.9	UL902290
- Other	CN902290.80	380.9	537.5	UL902290

**Instruments, apparatus and models, designed for demonstrational purposes (for example, in education or exhibitions), unsuitable for other uses**

Products description	Codes	XUE	MUE	CODUL
Of a type used for teaching physics, chemistry or technical subjects	CN902300.10	243.4	164.6	UL902300
Other	CN902300.80	798.2	541.5	UL902300

**Machines and appliances for testing the hardness, strength, compressibility, elasticity or other mechanical properties of materials (for example, metals, wood, textiles, paper, plastics)**

Products description	Codes	XUE	MUE	CODUL
----------------------	-------	-----	-----	-------

Machines and appliances for testing metals				
- Universal or for tensile tests	CN902410.20	62.5	25.0	UL902410
- For hardness tests	CN902410.40	57.4	29.5	UL902410
- Other	CN902410.80	97.7	66.6	UL902410
Other machines and appliances	CN902480.00	421.8	234.4	UL902480
Parts and accessories	CN902490.00	191.0	138.6	UL902490

### Hydrometers and similar floating instruments, thermometers, pyrometers, barometers, hygrometers and psychrometers, recording or not, and any combination of these instruments

Products description	Codes	XUE	MUE	CODUL
Thermometers and pyrometers, not combined with other instruments				
- Liquid-filled, for direct reading				
- - Clinical or veterinary thermometers	CN902511.20	15.3	23.9	UL902511
- - Other	CN902511.80	48.4	52.6	UL902511
- Other	CN902519.00	1776.4	1402.8	UL902519
Other instruments				
- Barometers, not combined with other instruments	CN902580.20	9.6	8.7	UL902580
- Other				
- - Electronic	CN902580.40	577.6	457.3	UL902580
- - Other	CN902580.80	83.1	100.5	UL902580
Parts and accessories	CN902590.00	489.5	425.3	UL902590

### 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

Products description	Codes	XUE	MUE	CODUL
For measuring or checking the flow or level of liquids				
- Electronic				
- - Flow meters	CN902610.21	1343.6	824.4	UL902610
- - Other	CN902610.29	947.4	611.0	UL902610



- Other				
- - Flow meters	CN902610.81	326.4	177.0	UL902610
- - Other	CN902610.89	417.8	349.1	UL902610
For measuring or checking pressure				
- Electronic	CN902620.20	3232.3	2516.8	UL902620
- Other				
- - Spiral or metal diaphragm type pressure gauges	CN902620.40	388.2	305.3	UL902620
- - Other	CN902620.80	561.2	680.1	UL902620
Other instruments or apparatus				
- Electronic	CN902680.20	1397.4	1011.6	UL902680
- Other	CN902680.80	388.0	350.9	UL902680
Parts and accessories	CN902690.00	1649.2	1338.2	UL902690

**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**

Products description	Codes	XUE	MUE	CODUL
Gas or smoke analysis apparatus				
- Electronic	CN902710.10	2849.2	1629.9	UL902710
- Other	CN902710.90	1273.3	1375.3	UL902710
Chromatographs and electrophoresis instruments	CN902720.00	844.6	483.5	UL902720
Spectrometers, spectrophotometers and spectrographs using optical radiation (UV, visible, IR)	CN902730.00	1790.1	916.7	UL902730
Other instruments and apparatus using optical radiation (UV, visible, IR)	CN902750.00	3418.6	3285.8	UL902750
Other instruments and apparatus				
- Mass spectrometers	CN902781.00	1350.9	845.4	UL902780
- Other				
- - Exposure meters	CN902789.10	17.3	36.1	UL902780
- - pH meters, rH meters and other apparatus for measuring conductivity	CN902789.30	442.6	281.2	UL902780
- - Other	CN902789.90	2845.1	2210.6	UL902780
Microtomes; parts and accessories	CN902790.00	4926.5	4518.4	UL902790

**Gas, liquid or electricity supply or production meters, including calibrating meters therefor**

Products description	Codes	XUE	MUE	CODUL
Gas meters	CN902810.00	381.5	223.4	UL902810
Liquid meters	CN902820.00	717.8	604.0	UL902820
Electricity meters				
- For alternating current				
- - For single-phase	CN902830.11	467.2	634.4	UL902830
- - For multiphase	CN902830.19	647.2	824.9	UL902830
- Other	CN902830.90	149.4	224.9	UL902830
Parts and accessories				
- For electricity meters	CN902890.10	231.2	398.6	UL902890
- Other	CN902890.90	525.6	549.2	UL902890

**Revolution counters, production counters, taximeters, milometers, pedometers and the like; speed indicators and tachometers, other than those of heading 9014 or 9015; stroboscopes**

Products description	Codes	XUE	MUE	CODUL
Revolution counters, production counters, taximeters, milometers, pedometers and the like	CN902910.00	316.7	248.0	UL902910
Speed indicators and tachometers; stroboscopes				
- Speed indicators and tachometers				
- - Speed indicators for vehicles	CN902920.31	3490.4	1984.0	UL902920
- - Other	CN902920.38	334.8	329.6	UL902920
- Stroboscopes	CN902920.90	11.9	12.3	UL902920
Parts and accessories	CN902990.00	644.8	519.6	UL902990

**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 radiation**

Products description	Codes	XUE	MUE	CODUL
Instruments and apparatus for measuring or detecting ionising radiation	CN903010.00	682.8	374.4	UL903010
Oscilloscopes and oscillographs	CN903020.00	239.8	286.1	UL903020
Other instruments and apparatus, for measuring or checking voltage, current, resistance or power (other than those for measuring or checking semiconductor wafers or devices)				
- Multimeters, without a recording device	CN903031.00	432.8	304.3	UL903030
- Multimeters, with a recording device	CN903032.00	323.7	295.2	UL903030
- Other, without a recording device				
- - Resistance measuring instruments	CN903033.20	116.5	80.9	UL903030
- - Other	CN903033.70	929.4	751.3	UL903030
- Other, with a recording device	CN903039.00	569.2	473.5	UL903030
Other instruments and apparatus, specially designed for telecommunications (for example, cross-talk meters, gain measuring instruments, distortion factor meters, psophometers)	CN903040.00	723.4	491.3	UL903040
Other instruments and apparatus				
- For measuring or checking semiconductor wafers or devices (including integrated circuits)	CN903082.00	961.6	477.8	UL903082
- Other, with a recording device	CN903084.00	455.8	324.5	UL90308A
- Other	CN903089.00	626.6	434.9	UL90308A
Parts and accessories	CN903090.00	1362.7	1041.2	UL903090

### Measuring or checking instruments, appliances and machines, not specified or included elsewhere in this chapter; profile projectors

Products description	Codes	XUE	MUE	CODUL
Machines for balancing mechanical parts	CN903110.00	176.4	96.8	UL903110
Test benches	CN903120.00	1113.7	267.0	UL903120
Other optical instruments and appliances				
- For inspecting semiconductor wafers or devices (including integrated circuits) or for inspecting photomasks or reticles used in manufacturing semiconductor devices (including integrated circuits)	CN903141.00	333.5	468.9	UL903141
- Other				
- - Profile projectors	CN903149.10	92.2	85.3	UL903149
- - Other	CN903149.90	3559.6	2242.5	UL903149
Other instruments, appliances and machines				
- For measuring or checking geometrical quantities	CN903180.20	3191.9	1693.2	UL903180

- Other	CN903180.80	6506.6	5328.4	UL903180
Parts and accessories	CN903190.00	3219.3	2301.6	UL903190

### Automatic regulating or controlling instruments and apparatus

Products description	Codes	XUE	MUE	CODUL
Thermostats				
- Electronic	CN903210.20	871.5	945.1	UL903210
- Other	CN903210.80	850.2	720.2	UL903210
Manostats	CN903220.00	567.4	493.4	UL903220
Other instruments and apparatus				
- Hydraulic or pneumatic	CN903281.00	2030.5	699.6	UL903281
- Other	CN903289.00	5762.6	6259.9	UL903289
Parts and accessories	CN903290.00	1405.0	1259.6	UL903290

### Parts and accessories (not specified or included elsewhere in this chapter) for machines, appliances, instruments or apparatus of Chapter 90

Products description	Codes	XUE	MUE	CODUL
Light-emitting diode (LED) backlight modules, which are lighting sources that consist of one or more LEDs, and one or more connectors and are mounted on a printed circuit or other similar substrate, and other passive components, whether or not combined with optical components or protective diodes, and used as backlight illumination for liquid crystal displays (LCDs)	CN903300.10	29.6	41.4	UL903300
Other	CN903300.90	1222.5	994.9	UL903300

## CHAPTER 91 - CLOCKS AND WATCHES AND PARTS THEREOF

### Wristwatches, pocket-watches and other watches, including stopwatches, with case of precious metal or of metal clad with precious metal

Products description	Codes	XUE	MUE	CODUL
Wristwatches, electrically operated, whether or not incorporating a stopwatch facility				
- With mechanical display only	CN910111.00	562.0	545.7	UL9101A0
- Other	CN910119.00	56.1	55.6	UL9101A0
Other wristwatches, whether or not incorporating a stopwatch facility				
- With automatic winding	CN910121.00	1137.4	2056.9	UL9101B0
- Other	CN910129.00	436.4	504.3	UL9101C0
Other				
- Electrically operated	CN910191.00	5.8	8.5	UL9101D0
- Other	CN910199.00	83.0	49.6	UL9101D0

### Wristwatches, pocket-watches and other watches, including stopwatches, other than those of heading 9101

Products description	Codes	XUE	MUE	CODUL
Wristwatches, electrically operated, whether or not incorporating a stopwatch facility				
- With mechanical display only	CN910211.00	1491.9	1994.0	UL9101A0
- With opto-electronic display only	CN910212.00	347.2	722.7	UL9101A0
- Other	CN910219.00	192.0	320.1	UL9101A0
Other wristwatches, whether or not incorporating a stopwatch facility				
- With automatic winding	CN910221.00	1916.5	4080.0	UL9101B0
- Other	CN910229.00	201.2	272.2	UL9101C0
Other				
- Electrically operated	CN910291.00	27.1	42.9	UL9101D0
- Other	CN910299.00	87.0	68.2	UL9101D0

**Clocks with watch movements, excluding clocks of heading 9104**

Products description	Codes	XUE	MUE	CODUL
Electrically operated	CN910310.00	7.4	13.3	UL910300
Other	CN910390.00	4.0	4.7	UL910300

**Instrument panel clocks and clocks of a similar type for vehicles, aircraft, spacecraft or vessels**

Products description	Codes	XUE	MUE	CODUL
Instrument panel clocks and clocks of a similar type for vehicles, aircraft, spacecraft or vessels	CN910400.00	31.6	28.7	UL910400

**Other clocks**

Products description	Codes	XUE	MUE	CODUL
Alarm clocks				
- Electrically operated	CN910511.00	47.4	86.9	UL910500
- Other	CN910519.00	4.2	4.7	UL910500
Wall clocks				
- Electrically operated	CN910521.00	83.9	121.5	UL910500
- Other	CN910529.00	14.8	9.2	UL910500
Other				
- Electrically operated	CN910591.00	43.3	31.8	UL910500
- Other	CN910599.00	16.9	16.0	UL910500

**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)**

Products description	Codes	XUE	MUE	CODUL
Time-registers; time-recorders	CN910610.00	61.7	40.6	UL910610
Other	CN910690.00	37.4	50.1	UL910690

**Time switches, with clock or watch movement or with synchronous motor**

Products description	Codes	XUE	MUE	CODUL
Time switches, with clock or watch movement or with synchronous motor	CN910700.00	145.6	160.6	UL910700

**Watch movements, complete and assembled**

Products description	Codes	XUE	MUE	CODUL
Electrically operated				
- With mechanical display only or with a device to which a mechanical display can be incorporated	CN910811.00	17.2	36.3	UL91A000
- With opto-electronic display only	CN910812.00	0.1	0.3	UL91A000
- Other	CN910819.00	2.5	12.0	UL91A000
With automatic winding	CN910820.00	14.9	47.7	UL91A000
Other	CN910890.00	16.2	6.4	UL91A000

**Clock movements, complete and assembled**

Products description	Codes	XUE	MUE	CODUL
Electrically operated	CN910910.00	6.7	6.0	UL91A000
Other	CN910990.00	11.6	3.3	UL91A000

**Complete watch or clock movements, unassembled or partly assembled (movement sets); incomplete watch or clock movements, assembled; rough watch or clock movements**

Products description	Codes	XUE	MUE	CODUL
Of watches				
- Complete movements, unassembled or partly assembled (movement sets)				
- - With balance wheel and hairspring	CN911011.10	0.3	0.8	UL911000
- - Other	CN911011.90	1.6	3.1	UL911000
- Incomplete movements, assembled	CN911012.00	1.4	1.3	UL911000
- Rough movements	CN911019.00	1.0	2.7	UL911019
Other	CN911090.00	6.2	3.5	UL911000

**Watch cases and parts thereof**

Products description	Codes	XUE	MUE	CODUL
Cases of precious metal or of metal clad with precious metal	CN911110.00	16.7	20.3	UL91B000
Cases of base metal, whether or not gold- or silver-plated	CN911120.00	5.8	27.9	UL91B000
Other cases	CN911180.00	4.6	3.6	UL91B000
Parts	CN911190.00	83.5	78.2	UL91B000

**Clock cases and cases of a similar type for other goods of this chapter, and parts thereof**

Products description	Codes	XUE	MUE	CODUL
Cases	CN911220.00	2.5	3.8	UL91B000
Parts	CN911290.00	4.4	1.7	UL91B000

**Watch straps, watch bands and watch bracelets, and parts thereof**

Products description	Codes	XUE	MUE	CODUL
Of precious metal or of metal clad with precious metal				
- Of precious metal	CN911310.10	110.9	54.4	UL911310
- Of metal clad with precious metal	CN911310.90	35.9	8.6	UL911310
Of base metal, whether or not gold- or silver-plated	CN911320.00	221.1	162.4	UL911320
Other	CN911390.00	413.2	331.8	UL911390

**Other clock or watch parts**

Products description	Codes	XUE	MUE	CODUL
Dials	CN911430.00	22.6	45.4	UL911400
Plates and bridges	CN911440.00	19.2	5.9	UL911400
Other				
- Springs, including hairsprings	CN911490.10	22.5	19.8	UL911400
- Other	CN911490.90	175.3	192.8	UL911400



## CHAPTER 92 - MUSICAL INSTRUMENTS; PARTS AND ACCESSORIES OF SUCH ARTICLES

### Pianos, including automatic pianos; harpsichords and other keyboard stringed instruments

Products description	Codes	XUE	MUE	CODUL
Upright pianos				
- New	CN920110.10	65.7	72.5	UL920110
- Used	CN920110.90	7.9	12.7	UL920110
Grand pianos	CN920120.00	214.6	112.0	UL920120
Other	CN920190.00	6.1	3.1	UL920190

### Other string musical instruments (for example, guitars, violins, harps)

Products description	Codes	XUE	MUE	CODUL
Played with a bow				
- Violins	CN920210.10	24.0	11.1	UL920210
- Other	CN920210.90	18.7	9.6	UL920210
Other				
- Guitars	CN920290.30	158.6	178.1	UL920290
- Other	CN920290.80	41.0	25.0	UL920290

### Wind musical instruments (for example, keyboard pipe organs, accordions, clarinets, trumpets, bagpipes), other than fairground organs and mechanical street organs

Products description	Codes	XUE	MUE	CODUL
Brass-wind instruments	CN920510.00	79.1	76.1	UL920510
Other				
- Accordions and similar instruments	CN920590.10	29.3	8.1	UL920590
- Mouth organs	CN920590.30	14.1	7.7	UL920590
- Keyboard pipe organs; harmoniums and similar keyboard instruments with free metal reeds	CN920590.50	10.5	7.1	UL920590
- Other	CN920590.90	160.5	126.2	UL920590

**Percussion musical instruments (for example, drums, xylophones, cymbals, castanets, maracas)**

Products description	Codes	XUE	MUE	CODUL
Percussion musical instruments (for example, drums, xylophones, cymbals, castanets, maracas)	CN920600.00	164.9	150.6	UL920600

**Musical instruments, the sound of which is produced, or must be amplified, electrically (for example, organs, guitars, accordions)**

Products description	Codes	XUE	MUE	CODUL
Keyboard instruments, other than accordions				
- Organs	CN920710.10	19.3	6.5	UL920710
- Digital pianos	CN920710.30	198.9	290.6	UL920710
- Synthesisers	CN920710.50	112.5	84.3	UL920710
- Other	CN920710.80	94.4	98.0	UL920710
Other				
- Guitars	CN920790.10	318.2	413.6	UL920790
- Other	CN920790.90	118.0	113.4	UL920790

**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**

Products description	Codes	XUE	MUE	CODUL
Musical boxes	CN920810.00	10.0	13.8	UL920810
Other	CN920890.00	9.6	16.1	UL920890

**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**

Products description	Codes	XUE	MUE	CODUL
----------------------	-------	-----	-----	-------

Musical instrument strings	CN920930.00	93.2	88.9	UL920930
Other				
- Parts and accessories for pianos	CN920991.00	45.2	39.0	UL920991
- Parts and accessories for the musical instruments of heading 9202	CN920992.00	50.8	53.7	UL920992
- Parts and accessories for the musical instruments of heading 9207	CN920994.00	121.8	109.4	UL920994
- Other				
- - Parts and accessories for the musical instruments of heading 9205	CN920999.20	111.7	67.3	UL920999
- - Other				
- - - Metronomes, tuning forks and pitch pipes	CN920999.40	5.0	10.8	UL920999
- - - Mechanisms for musical boxes	CN920999.50	0.3	1.5	UL920999
- - - Other	CN920999.70	74.0	89.2	UL920999