



TOQUARTZ
Tech Specifications

TOQUARTZ® Quartz Cuvette Flow Cell Product Catalog

Integrated Engineering & Agile Production
for Demanded Specifications



TOQUARTZ® QUARTZ CUVETTE FLOW CELL

High Precision Flow Cell for UV-Vis & IR Analysis

TOQUARTZ® is a specialized manufacturer of high-purity quartz products based in China, serving global B2B clients in laboratory instrumentation, biomedical research, and environmental monitoring. With in-house engineering support and flexible production capabilities, we offer both standard and custom quartz cuvette flow cells with fast delivery and consistent quality.



Product Overview



TOQUARTZ® High Precision Quartz Cuvette Flow Cells are engineered for continuous spectroscopic analysis in UV-Vis, IR, and fluorescence applications. Manufactured from >99.98% high-purity quartz material, these flow cells deliver exceptional optical performance across a wide spectral range (200nm-2500nm) with no absorption peaks.

TOQUARTZ® QUARTZ CUVETTE FLOW CELL



Key Features

- **High Purity Quartz Material:** 99.995% SiO₂ content ensures minimal interference with spectroscopic measurements
- **Wide Spectral Range:** Excellent transmission from 120nm to 4500nm with no absorption peaks
- **Precision Manufacturing:** Dimensional tolerance of $\pm 0.1\text{mm}$ ensures reliable optical alignment
- **Chemical Resistance:** Exceptional stability against acids, bases, and organic solvents
- **Thermal Stability:** Maintains structural integrity at temperatures up to 1100°C
- **Multiple Connection Options:** Luer lock, barbed, threaded, and custom fittings available
- **Custom Design Service:** Tailored solutions for specific application requirements

TOQUARTZ® QUARTZ CUVETTE FLOW CELL



Applications

- **Analytical Instrumentation:** UV-Vis, IR, and fluorescence spectrophotometers
- **Medical Diagnostics:** Blood analysis, immunoassay, PCR, and clinical chemistry
- **Environmental Monitoring:** Water quality analysis and pollutant detection
- **Chemical Process Control:** Continuous reaction monitoring and quality control
- **Research & Development:** Custom solutions for specialized research applications



TECHNICAL SPECIFICATIONS

Parameter	Specification
Material	High purity fused quartz (>99.98% SiO ₂)
Optical Transmission Range	200nm - 2500nm
Standard Path Lengths	1mm, 2mm, 5mm, 10mm, 20mm, 50mm, 100mm
Dimensional Tolerance	±0.1mm (±0.05mm available for select models)
Optical Window Flatness	<λ/10
Thermal Expansion Coefficient	5.5×10 ⁻⁷ /K
Surface Roughness	Ra<0.01μm
Maximum Operating Temperature	1100°C
Flow Channel Diameter Options	0.5mm, 0.8mm, 1mm, 1.5mm, 2mm (custom available)
Connection Types	Luer lock, barbed, threaded (M6, M8), custom



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8001	3.5ml Quartz fluorecence flow cuvette with glass tube	3.5ml	10mm	12.5x12.5x45 mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8002	Quartz flow cuvette with M6 threaded connectors for lab	200ul	10mm	12.5x12.5x35 mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8003	32ul Quartz flow cuvette cell (10mm) Central Height 8.5mm	32ul	10mm	12.5x12.5x35 mm	200nm-2500nm



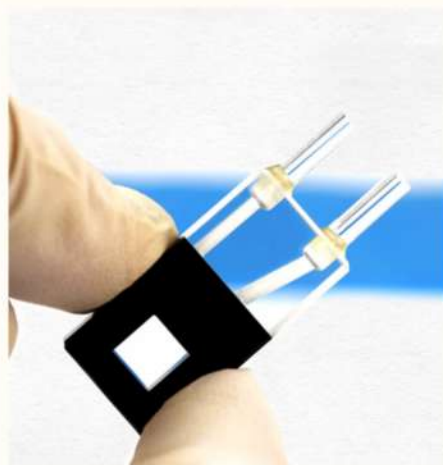
Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8003-1	800ul Quartz flow cuvette cell	800ul	10mm	12.5x12.5x35 mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8004	Quartz flow cuvette with glass tube(100ul)	100ul	10mm	12.5x12.5x45 mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8004-1	Quartz flow cuvette with glass tube(200ul)	200ul	6mm	15*8.5*30mm	200nm-2500nm



SIZE CHART



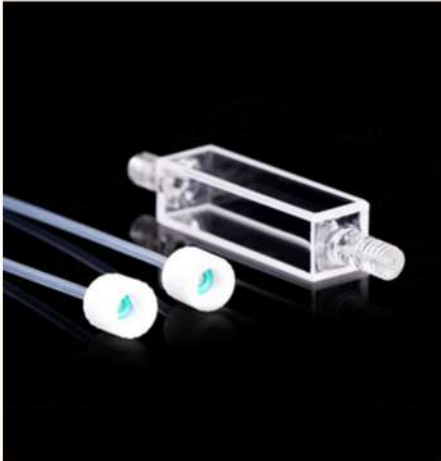
Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8005	ba88a flow quartz cell with steel tube 0.03ml for Mindray BA-88A Chemistry Analyzer Cuvettes	32ul	10mm	12.5x12.5x35 mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8006	Quartz flow cuvette with M6 threaded connectors(200ul)	200ul	10mm	12.5x12.5x35 mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8007	3.5ml Quartz Fluorescent Flow Cuvette Cell Threaded Pipe	3.5ml	10mm	12.5x12.5x45 mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8008	2mm Quartz flow cuvette cell (700ul)	700ul	2mm(2 light way)	12.5x4.5x45m m	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8008-1	Quartz flow cuvette cell	350ul/700ul	1mm/2mm	12.5x3.5x35mm 12.5x4.5x35mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8008-2	Quartz flow cuvette cell	35ul/70ul	10mm	45*12.5*81mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8009	Quartz microflow cell/spiral colorimetric dish/UV transparent	200ul-1ml	10mm	12.5*12.5*20mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8009-1	Quartz microflow cell/spiral colorimetric dish/UV transparent	2ml	10mm(2 light ways)	12.5*12.5*20mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8009-2	Quartz microflow cell/spiral colorimetric dish/UV transparent	2ml	10mm(4 light ways)	12.5*12.5*20 mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8009-3	Quartz microflow cell/spiral colorimetric dish/UV transparent	200ul-1ml	10mmslit 1-5mm	12.5*12.5*20mm	200nm-2500nm



SIZE CHART



Item no.	Description	Windows	Path Length	LxWxH	Wavelength Range
AT-BSM-8010	Quartz counting cell(Dual channel)	2	0.2mm	75x25x4mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8011	Quartz fluorescence flow cuvette with M6 threaded connectors(450ul)	450ul	10mm	12.5x12.5x35 mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8011-1	Quartz fluorecence flow cuvette with M6 threaded connectors(70ul)	70ul	10mm	12.5x12.5x35 mmApertur: 3mmCentre hight: 15mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8012	0.6mm Quartz Fluorescent Flow cuvette Cell (14ul)	14ul	0.6mm	12x12x40mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8013	3.5ml Quartz flow cuvette with M6 threaded connectors	3.5ml	10mm	12.5x12.5x45 mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8014	1.5ml Quartz fluorescent flow cuvette cell (10mm)	1.5ml	10mm	12.5x12.5x25mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8014-1	Quartz fluorescent flow cuvette cell	/	10mm	12*12*20mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8015	3.5ml Quartz flow cuvette with glass tube(Improved)	3.5ml	10mm	12.5x12.5x45 mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8016	Quartz Flow Cell cuvette /path length 10mm/27ml/Two way light	27ml	10mm	51.5x14x60 mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8017	0.5mm path length Optical UV flow quartz cuvette cell with two tubes 1pcs	150ul	0.5mm	12.5x3x45mm	200nm-2500nm



SIZE CHART



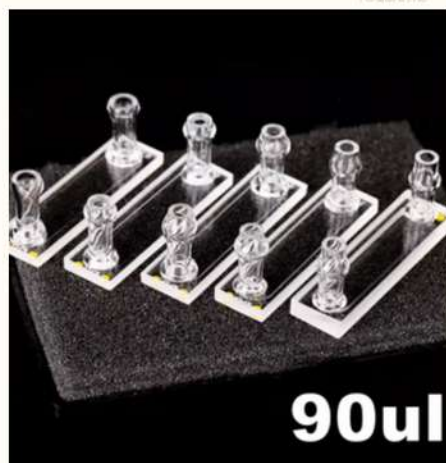
Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8017-1	0.1mm path length flow quartz cuvette cell with two tubes 1pcs	30ul	0.1mm	12.5*2.6*45 mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8017-2	0.2mm path length flow quartz cuvette cell with two tubes 1pcs	60ul	0.2mm	12.5*2.7*45mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8017-3	0.3mm path length flow quartz cuvette cell with two tubes 1pcs	90ul	0.3mm	12.5*2.8*45 mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8017-4	1mm path length flow quartz cuvette cell with two tubes 1pcs	300ul	1mm	12.5*3.5*45mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8017-5	2mm path length flow quartz cuvette cell with two tubes 1pcs	600ul	2mm	12.5*4.5*45 mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8018	quartz flow cuvette(1mm)	860ul	1mm	25x4x45 mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8018-1	quartz flow cuvette(2mm)	1720ul	2mm	25x5x45 mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8019	1mm quartz flow cuvette for lab	1.2ml	1mm	25x5x66mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8020	0.2-10mm quartz flow cuvette A variety of styles good fluidity specifications complete	70ul-3.5ml	0.2-10mm	10x3.5x45mm12.5x3.5x40mm12.5x3.5x36mm12.5x3.5x45mm12.5x3x40mm12.5x4.5x40mm12.5x5.5x40mm12.5x7.5x40mm12.5x12.5x25mm12.5x12.5x30mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8021	Quartz fluorescent flow colorimetric dish/Four-way light/ultraviolet	(01)2ml(02) 2.5ml(03) 2ml(04)2 ml(05)10 mm(06)10 mm(07)sli t 5mm	10mm	12.5*12.5*20mm	200nm-2500nm

Item no.	Description	Capacity	Path Length	LxWxH	Wave
AT-BSM-8023	2mm Quartz flow fluorescence cuvette cell (700ul)	700ul	2mm (4 light ways)	12.5x4.5x45mm	200nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8021-1	Quartz fluorescent flow colorimetric dish/Four-way light/ultraviolet	2.5ml	10mm	12.5*12.5*25 mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8023	2mm Quartz flow fluorescence cuvette cell (700ul)	700ul	2mm(4 light ways)	12.5x4.5x45 mm	200nm-2500nm



SIZE CHART



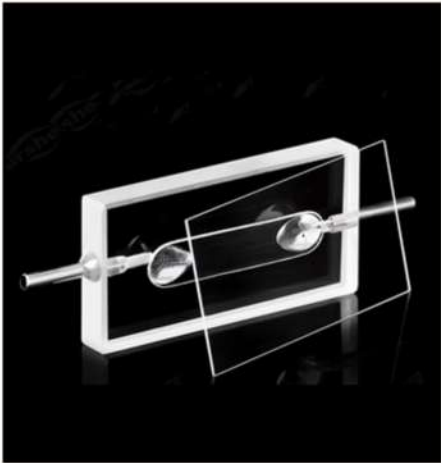
Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8024	Quartz flow cuvette with stainless tube(96ul)	96ul	30mm	12.5x32.5x35mm	200nm-2500nm



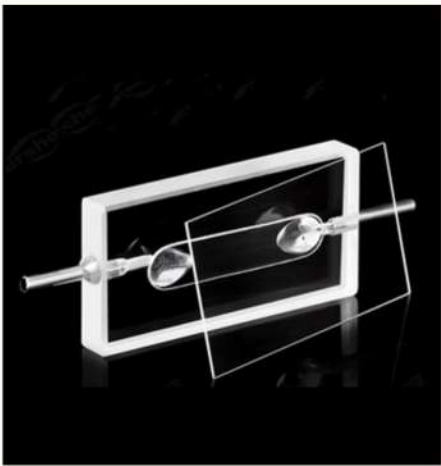
Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8025	Quartz counting cell	16ul	0.2mm	30x15x4mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8025-1	Quartz counting cell splitted	/	0.2mm(2 light ways)	30*15*3.7mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8025-2	Quartz counting cell splitted	/	5mm(2 light ways)	32*17*8.5mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8026	Light resistant quartz fluorescence flow cuvette with stainless tube	32ul	10mm	12.5x12.5x35mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Window size
AT-BSM-8026-1	80ul quartz fluorescence flow cuvette	80ul	10mm(3 light ways)	12.5x12.5x35mmCentre high: 15mm	2*4mm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8027	64ul Quartz Flow Cuvette Cell (Path Length 20mm)	64ul	20mm	12.5x22.5x3.5mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8028	180ul Quartz flow cuvette cell (path length 20mm)	180ul	20mm	12.5x22.5x4.5mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8028-1	Quartz flow cuvette cell	16ul	5mm	12.5*7.5*25 mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8029	5mm Separate Quartz Sample Cell Cuvette	40x20x5 mm	5mm	60x35x7mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8028-1	Quartz flow cuvette cell	16ul	5mm	12.5*7.5*25 mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8029	5mm Separate Quartz Sample Cell Cuvette	40x20x5 mm	5mm	60x35x7mm	200nm-2500nm



SIZE CHART



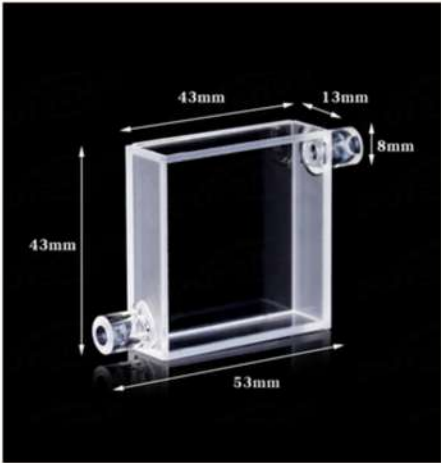
Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8029-1	2mm Separate Quartz Sample Cell Cuvette	/	2mm	60x35x3mm	200nm-2500nm



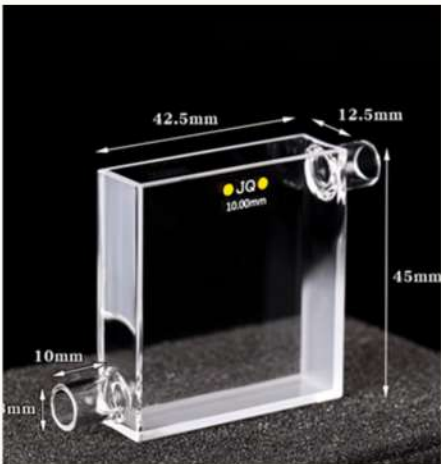
Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8030	Quartz fluorescence flow cuvette with glass tube(250ul)	250ul	10mm	12.5x12.5x45mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8031	16ml Quartz Fluorescent Flow Cell cuvette (path length 10mm/40mm)	16ml	10mm/40 mm	43x43x13mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8031-1	Quartz Flow Cell cuvette	14ml	10mm	42.5*12.5*45mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8031-2	Quartz Fluorescent Flow Cell cuvette	4ml	10mm(4 light ways)	13*13*45mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8032	Quartz flow cuvette(60ul)Custom-made specifications	60ul	2mm	6x10x18mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8033	Quartz flow cuvette with glass tube(400ul)	400ul	10mm	12.5x12.5x45mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8034	0.5mm Quartz sample cell cuvette (120ul)	120ul	0.5mm	12.5x45x1.8mm	200nm-2500nm



SIZE CHART



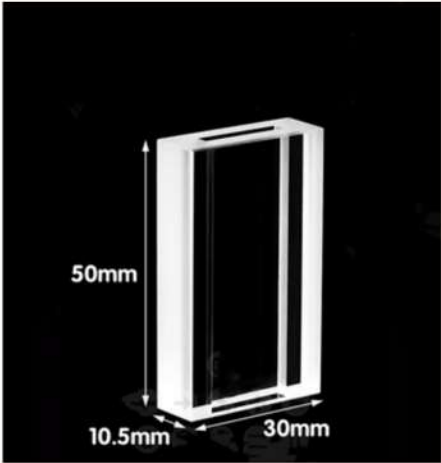
Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8035	Quartz Sample Flow Cell Cuvette	3.5ml	3mm	40x40x9mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8035-1	Quartz Sample Flow Cell Cuvette	6.2ml	5mm	40x40x11mm	200nm-2500nm



SIZE CHART



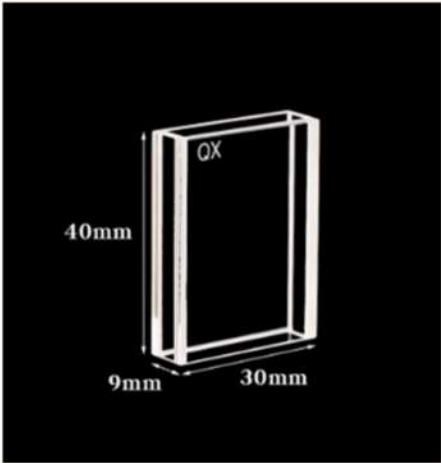
Item no.	Description	Capacity	Path Length	LxWxH	Material
AT-BSM-8035-2	Quartz Sample Flow Cell Cuvette	2.5ml	2.5mm	50*30*10.5 mm	Glass



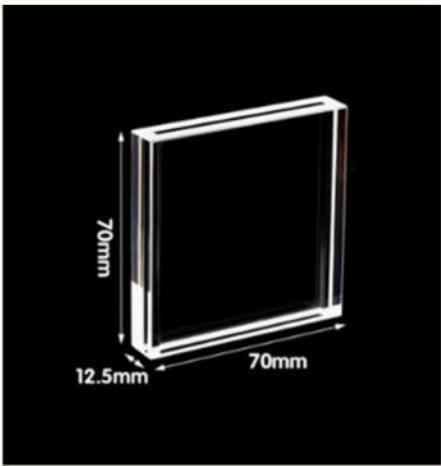
Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8035-3	Quartz Sample Flow Cell Cuvette	3ml	3mm	55*26*9mm	200nm-2500nm



SIZE CHART



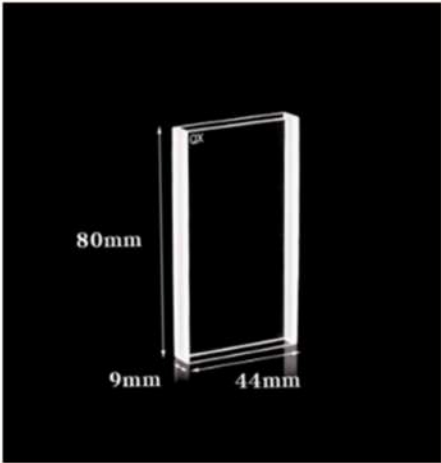
Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8035-4	Quartz Sample Flow Cell Cuvette	5ml	26/4mm(4 light ways)	40*30*9mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Material
AT-BSM-8035-5	Quartz Sample Flow Cell Cuvette	9.7ml	2.5mm	70*70*12.5mm	Glass



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8035-6	Quartz Sample Flow Cell Cuvette	16ml	5mm(2 light ways)	80*40*9mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8035-7	Quartz Sample Flow Cell Cuvette	/	18mm(4 light ways)	22*22*6.3mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8035-8	Quartz Sample Flow Cell Cuvette	46ml	30mm	111*17*33mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8036	Quartz flow cuvette cell	60ul-600ul	1mm/2mm/5mm/10mm	12.5x12.5x35mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8037	Quartz flow cuvette with M6 threaded connectors	400ul	10mm	12.5x12.5x35mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8037-1	Quartz flow cuvette with M6 threaded connectors	800ul	10mm	12.5x12.5x35mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8037-2	Quartz flow cuvette with M6 threaded connectors	200ul	10mm	12.5x12.5x35mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8037-3	Quartz flow cuvette with M6 threaded connectors	32ul	10mm	12.5x12.5x35mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8037-4	Quartz flow cuvette with M6 threaded connectors	450ul	10mm	12.5x12.5x35mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8038	Quartz spiral cuvette/10mm/EU/Sealed fluorescent thread/spiral cell	350ul-1.75ml	10mm(4 light ways)	12.5*12.5*60mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8037-4	Quartz flow cuvette with M6 threaded connectors	450ul	10mm	12.5x12.5x35mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8038	Quartz spiral cuvette/10mm/EU/Sealed fluorescent thread/spiral cell	350ul-1.75ml	10mm(4 light ways)	12.5*12.5*60mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8039	3.5ml quartz flow cuvette cell Brownloo fluid cell	3.5ml	10mm	40*12.5*12.5 mm	200nm-2500nm

Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8039-1	3.5ml quartz flow cuvette cell Brownloo fluid cell	3.5ml	10mm2 light waystwo-end nozzle	40*12.5*12.5 mm	200nm-2500nm

Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8039-2	3.5ml quartz flow cuvette cell Brownloo fluid cell	3.5ml	1mm2 light waystwo-end nozzle	40*12.5*12.5 mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8039-3	3.5ml quartz flow cuvette cell Brownloo fluid cell	3.5ml	1mm4 light waystwo-end nozzle	40*12.5*12.5 mm	200nm-2500nm

Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8039-4	3.5ml quartz flow cuvette cell Brownloo fluid cell	3.5ml	2mm2 light waystwo-end nozzle	40*12.5*12.5 mm	200nm-2500nm

Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8039-5	3.5ml quartz flow cuvette cell Brownloo fluid cell	3.5ml	2mm4 light waystwo-end nozzle	40*12.5*12.5 mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8039-6	3.5ml quartz flow cuvette cell Brownloo fluid cell	3.5ml	3mm2 light waystwo-end nozzle	40*12.5*12.5 mm	200nm-2500nm

Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8039-7	3.5ml quartz flow cuvette cell Brownloo fluid cell	3.5ml	3mm4 light waystwo-end nozzle	40*12.5*12.5 mm	200nm-2500nm

Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8039-8	3.5ml quartz flow cuvette cell Brownloo fluid cell	3.5ml	5mm2 light waystwo-end nozzle	40*12.5*12.5 mm	200nm-2500nm



SIZE CHART



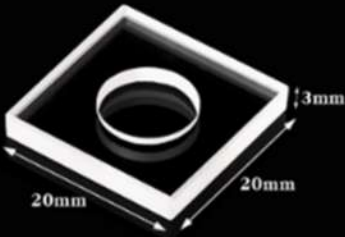
Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8039-9	3.5ml quartz flow cuvette cell Brownloo fluid cell	3.5ml	5mm4 light waystwo-end nozzle	40*12.5*12.5 mm	200nm-2500nm

Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8039-10	3.5ml quartz flow cuvette cell Brownloo fluid cell	3.5ml	4/16mm4 light waystwo-end nozzle	40*12.5*12.5 mm	200nm-2500nm



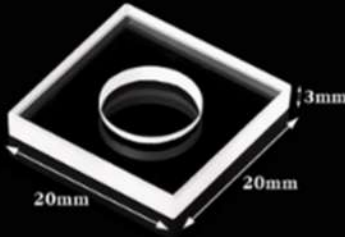
SIZE CHART

Inter Size: 10*2mm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8040	Quartz flow cuvette cell	150ul	/	20*20*3mm Inter Size: 10*2mm	200nm-2500nm

Inter Size: 10*2mm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8040-1	Quartz flow cuvette cell with stainless steel tube	150ul	/	20*20*3mm Inter Size: 10*2mm	200nm-2500nm



SIZE CHART



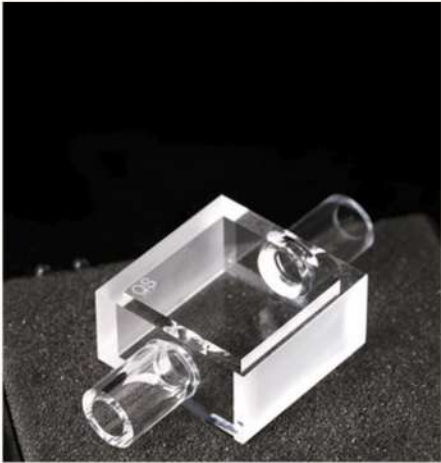
Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8041	ZETA point meter flow cell	130ul	1mm/5mm	21*20*26mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8042	Customized quartz flow cuvette cell M6 threaded	/	0.2mm	56*12*20mm	200nm-2500nm



SIZE CHART



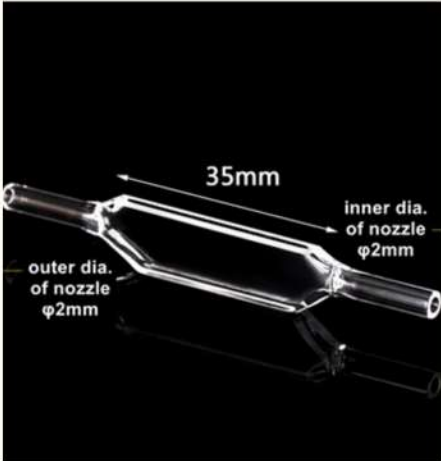
Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8043	Customized quartz flow cuvette cell	/	/	38*38*18mm wall thickness: 4mm	200nm-2500nm



Item no.	Description	Capacity	Path Length	LxWxH	Wavelength Range
AT-BSM-8044	Micron volume quartz flow cuvette cell diamond shaped	/	5mm	10*5*15mmCent re high: 10mm	200nm-2500nm



SIZE CHART



Item no.	Description	Capacity	Path Length	Nozzle Length	Wavelength Range
AT-BSM-8045	Quartz flow cuvette cell with nozzle	/	1mm (2 light ways)	35mm	200nm-2500nm



CUSTOM DESIGN SERVICE

TOQUARTZ® engineering team works directly with you to develop optimized flow cell solutions for your specific application requirements. Services include:

- Technical consultation and design optimization
- Prototype development (1-2 week delivery)
- CAD design and 3D modeling
- Material selection and testing
- Production scaling from small batches to high-volume manufacturing



CLEANING AND MAINTENANCE

Proper care ensures optimal performance and extended service life:

- Regular Cleaning:

Flush with distilled water after use

- Organic Contamination:

Use 50:50 mixture of ethanol and diethyl ether

- Storage:

Store dry in original protective case

- Avoid:

Alkaline solutions, abrasive cleaners, hydrofluoric acid



QUALITY ASSURANCE

All TOQUARTZ® quartz cuvette flow cells undergo rigorous quality control to ensure consistent performance in demanding applications.:

- Dimensional verification
- Material composition analysis
- Visual inspection for defects
- Thermal shock resistance testing

Contact Information

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TOQUARTZ® - Precision Quartz Solutions for Industry and Research

For technical specifications, custom requirements, or pricing information, please contact our sales team.