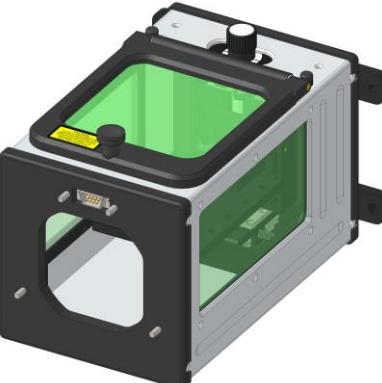
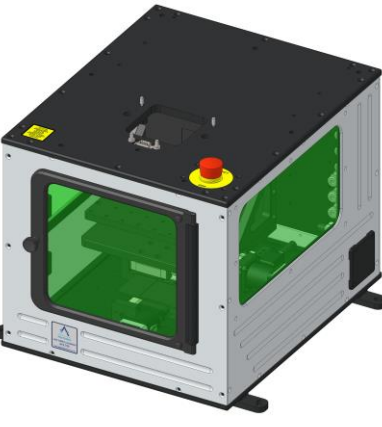
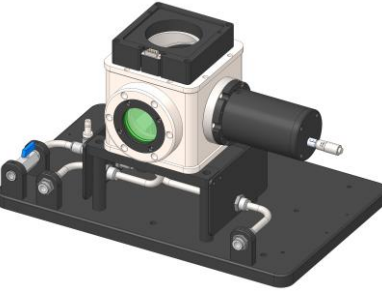


All our modular sample chambers are compatible with our LIBS products (LIBSCAN series, LIBS-6, LIBS-8). They are precision-engineered, heavy-duty design for exceptional performance and reliability.

CAD Illustration	Product Code	Description
	SC-1	Compact modular sample chamber (1-axis manual) 1-axis manual translation stages with 20 mm travel - Translation stage linear resolution of 10 microns (ball screw thread pitch 0.5 mm) - External dimensions of approx. 220 (L) x 125 (W) x 150 (H) mm. Weight approx. 2 kg - Supplied with two interchangeable breadboards for different sample sizes - Hinged door with magnetic catch and dual redundant electrical safety interlock - Laser protective windows (OD 6+ @ 1064 nm) on two sides and hinged door. Contact us if using a different laser wavelength
	SC-2C	Compact modular sample chamber (2-axis manual) 2-axis manual translation stages each with 20 mm travel - Translation stage linear resolution of 100 microns (ball screw thread pitch 1 mm) - External dimensions of approx. 265 (L) x 125 (W) x 150 (H) mm. Weight approx. 2.5 kg - Sample table breadboard with array of M6 tapped holes on 25 mm centres - Hinged door with magnetic catch and dual redundant electrical safety interlock - Laser protective windows (OD 6+ @ 1064 nm) on two sides and hinged door. Contact us if using a different laser wavelength
	SC-2M	Mid-size modular sample chamber (2-axis manual) 2-axis manual translation stages each with 35 mm travel - Translation stage linear resolution of 100 microns (ball screw thread pitch 1 mm) - External dimensions of approx. 260 (L) x 175 (W) x 180 (H) mm. Weight approx. 4 kg - Sample table breadboard with array of M6 tapped holes on 25 mm centres - Hinged door with magnetic catch and dual redundant electrical safety interlock - Laser protective windows (OD 6+ @ 1064 nm) on two sides and hinged door. Contact us if using a different laser wavelength - Fume extraction port with internal flexible tube - Internal lighting (high-brightness white LED flexible gooseneck lamp, 12 VDC)

CAD Illustration	Product Code	Description
	SC-2L	Large modular sample chamber (3-axis manual) • 3-axis manual translation stages each with 50 mm travel • Translation stages linear resolution of 125 microns (ball screw thread pitch 2.5 mm) • External dimensions of approx. 330 (L) x 270 (W) x 305 (H) mm. Weight approx. 14 kg • Sample table breadboard with array of M6 tapped holes on 25 mm centres (5 kg load rating) • Hinged door with magnetic catch and dual redundant electrical safety interlock • Laser protective windows (OD 6+ @ 1064 nm) on two sides and hinged door. Contact us if using a different laser wavelength • Fume extraction port with internal flexible tube • Internal lighting (high-brightness white LED flexible gooseneck lamp, 12 VDC)
	SC-2XL	Extra large modular sample chamber (3-axis manual) • 3-axis manual translation stages each with 75 mm travel • Translation stages linear resolution of 125 microns (ball screw thread pitch 2.5 mm) • External dimensions of approx. 440 (L) x 365 (W) x 360 (H) mm. Weight approx. 21 kg • Sample table breadboard with array of M6 tapped holes on 25 mm centres (5 kg load rating) • Hinged door with magnetic catch and dual redundant electrical safety interlock • Laser protective windows (OD 6+ @ 1064 nm) on two sides and hinged door. Contact us if using a different laser wavelength • Fume extraction port with internal flexible tube • Internal lighting (high-brightness white LED flexible gooseneck lamp, 12 VDC)
	XYZ-750	Computer-controlled modular sample chamber (3-axis motorized, 75 x 75 x 75 mm travel) • 3-axis motorized and computer-controlled translation stages each with 75 mm travel • Precision ball-screw design reduces rotational friction and virtually eliminates mechanical backlash • Translation stages linear resolution of 10 microns • External dimensions of approx. 470 (L) x 365 (W) x 360 (H) mm. Weight approx. 25 kg • Sample table breadboard with array of M6 tapped holes on 25 mm centres (5 kg load rating) • Hinged door with magnetic catch and dual redundant electrical safety interlock • Laser protective windows (OD 6+ @ 1064 nm) on two sides and hinged door. Contact us if using a different laser wavelength • Fume extraction port with internal flexible tube • Internal lighting (high-brightness white LED flexible gooseneck lamp, 12 VDC)
	SC-LQ2	Liquids analysis modular sample chamber • Static liquid reservoir or flow-through operation • Reservoir capacity of approximately 100 ml, flow through capacity of typically 25 - 50 ml / per minute • Precision-engineered using corrosion resistant materials • Micrometer control of position of liquid surface film relative to focal plane of laser beam • Viewing port equipped with laser protective window (OD 6+ @ 1064 nm) • External dimensions of approx. 285 mm x 385 mm x 180 mm.