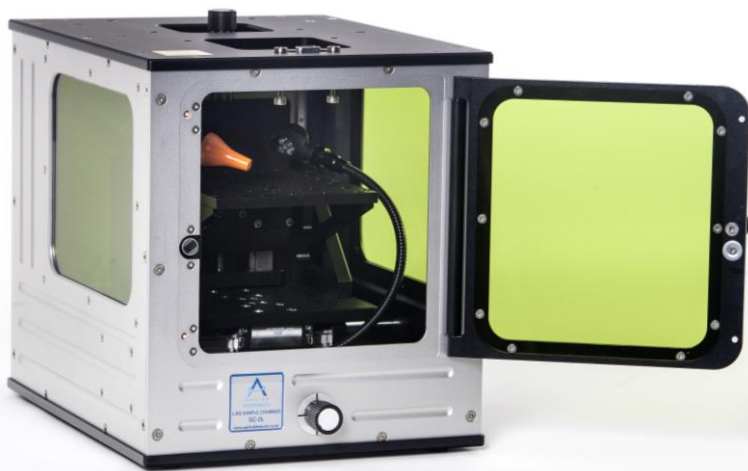


Manual 3-axis sample translation stage with 50 mm travel



Features

- Modular sample chamber compatible with our LIBS instruments (LIBSCAN series, LIBS-6, LIBS-8)
- Precision-engineered, heavy-duty design for exceptional performance and reliability
- 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)

Example configurations



Left: SC-2L used with a LIBSCAN 150-10. Centre: SC-2L used with a LIBS-6 module and a Litron Nano LG 225-10 (266nm) laser. Right: SC-2L used with a LIBSCAN 25+.