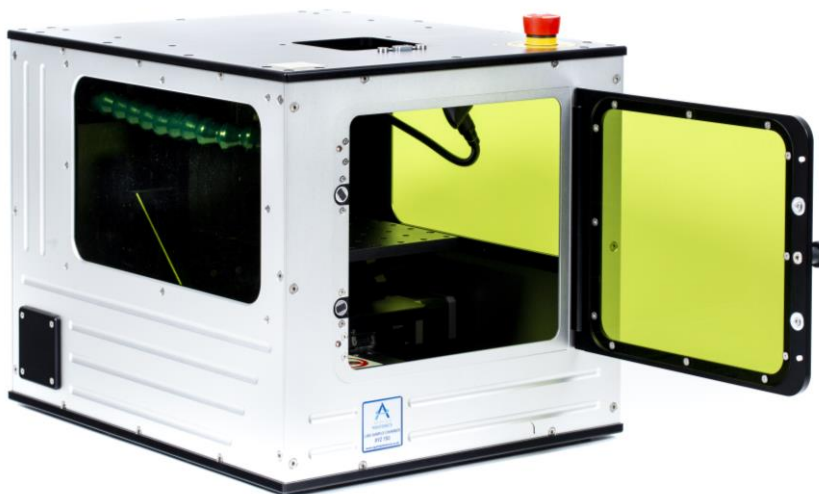
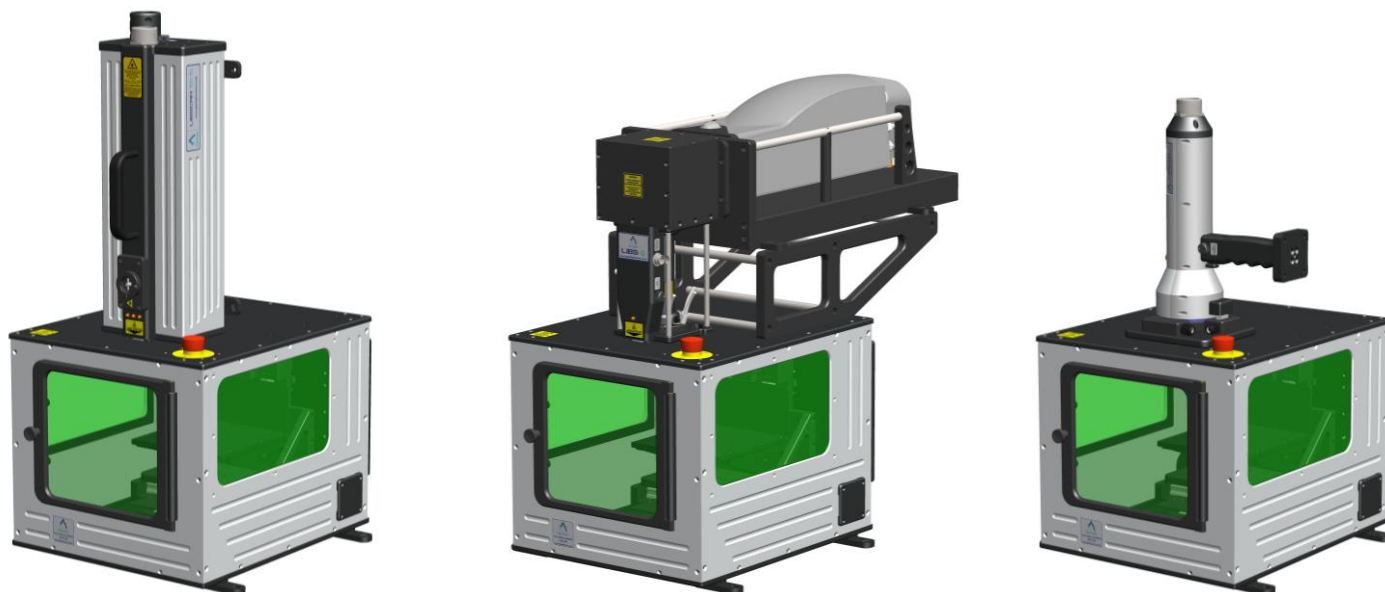


3-axis computer-controlled translation stage with 75 mm travel



Features

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



Example configurations: Left: XYZ-750 sample chamber used with a LIBSCAN 150-10. Centre: XYZ-750 sample chamber used with a LIBS-6 module and Q-Smart 450 laser. Right: XYZ-750 sample chamber used with a LIBSCAN 25+