TECHNICAL DATA SHEET

UV Booth

UV booth for inspection, rework and repair

PRODUCT DESCRIPTION

The UV booth supports the inspection, repair and/or rework of assemblies treated with protective coatings. With all protective coatings containing a UV tracer, the coating glows light blue under the UV light source, which simplifies inspection and makes it more effective.

The unit has a frame of profiled aluminium and wall panels of steel, powder-coated with a solvent-resistant paint. The LED lamp is mounted on the underside of the ceiling panel on a swivelling bracket, so its angle can be adjusted. The delivery includes an antistatic mat with additional earthing points, which is placed on the floor of the work surface. A ventilation opening is located centrally on the rear wall, to which an external exhaust duct can be connected.



UV booth

FEATURES

- Wall panels with solvent-resistant coating
- Dimensions: 820 mm × 600 mm × 600 mm
- Designed for benchtop use
- Swivelling UV lamp
- Antistatic mat
- On/off switch with IEC plug connection and 2 m power cable
- UV safety goggles included in delivery
- Connection for an external exhaust duct
- UV lamp service life approx. 7,500 hours
- CE certified

TECHNICAL SPECIFICATIONS

Dimensions (L × W × H)	820 mm × 600 mm × 600 mm
Chassis	Aluminium
Wall panels	1.5 mm steel with solvent-resistant powder coating
Exhaust connection diameter	80 mm
Required exhaust airflow	0.07 m³/s (150 cfm)
Colour	Exterior: RAL 7035 light grey (outer walls) and RAL 2010 (ceiling panel); interior: black
Power supply	100–240 V AC, 50/60 Hz
Power consumption	48 W
UV lamp	1 LED; LED IP65 48 W UV 365 nm lamp; beam angle 120°
UV wavelength	365 nm (peak)
Protection class	IP65
Max. ambient temperature	35 °C
Max. housing temperature	50 °C
Min. distance from flammable surfaces	50 cm
Min. distance from illuminated object	10 cm
Lamp unit dimensions	285 mm × 235 mm × 145 mm
Weight	2.7 kg
Estimated service life	7,500 hours