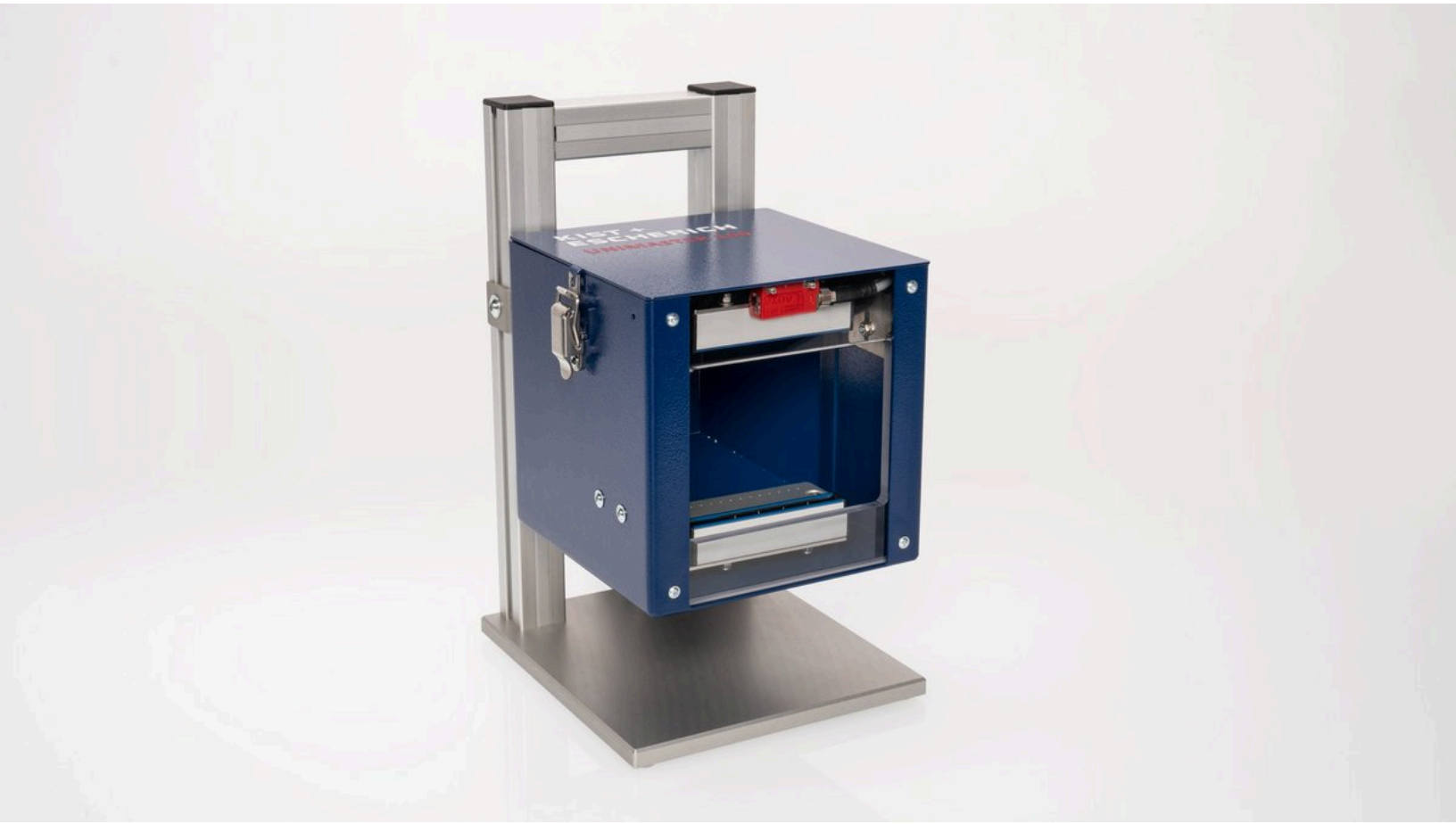
KIST + ESCHERICH

UNIMASTER 160

Compact table-top cleaning device for manual component cleaning



Key Facts

- **Universally applicable** at different manual workstations and in limited spaces
- **Quick & Easy** - Ideal for positioning at your workstation
- **For small components** and **simple component geometries**
- **Process-safe suction achieved through adapted housing geometry**

Product Description

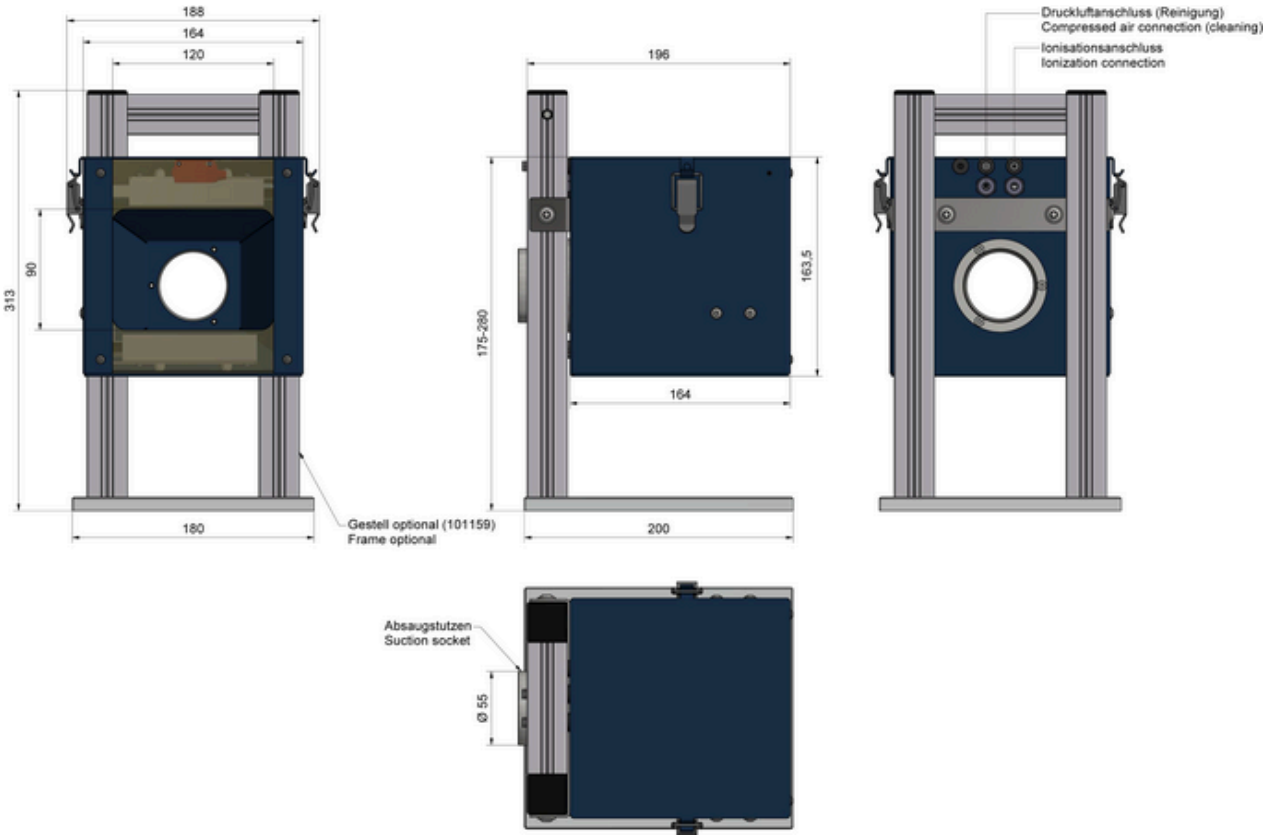
Compact table-top cleaning device for manual in-process cleaning of individual small components. Thanks to its compact design, the UNIMASTER 160 can be mounted directly at the manual work station.
The built-in ionisation neutralises any electrostatic discharge between contaminant particles and the component. Pulsating compressed air loosens particles, which are then suctioned off in a controlled process using an external suction and filter unit.

- Contactless cleaning protects the material surface
- Integrated ionisation to neutralise electrostatic surface charges
- Integrated suction channel for transporting the loosened particles to the suction unit
- Suction and control via KIST + ESCHERICH supply unit
- Ionisation system contact-voltage proof for users
- Cleaning is actuated via the sensor

Technical Data

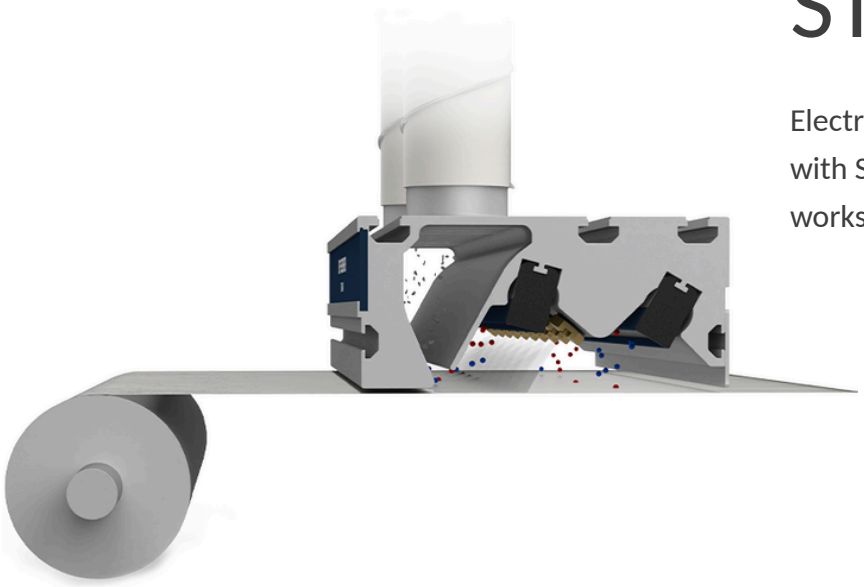
	UM-0160
Version	Standard
Access opening	120 mm × 90 mm
Type of cleaning nozzle	Special nozzle bar
Operating air pressure for cleaning system (recommended)	2.5 bar
Operating air pressure for cleaning system (min. – max.)	1.0 – 6.0 bar
Type compressed air connection for the cleaning system	2× Ø 6 mm
Diameter of the suction port	DN55
Required suction volume flow	150 m^3/h
Type Ionisation	2× **CB55**
Ambient temperature (min. – max.)	5 – 50 °C
Weight	4.5 kg
Length cable and hose package (standard)	2 m

Technical Drawings



Air Consumption

	Nl/min at operating pressure		
	2.0 bar	2.5 bar	3.0 bar
UM-0160-02	300	360	420



TECHNOLOGY

STATIK-AIR®

Electrostatic discharges and dust are a thing of the past with STATIK-AIR® technology. Learn how the technology works.

Related Products

ES 42

Compact filter and suction device (Performance class: 230 – 250 m³/h)

ESUC 230/390/650

Filter, suction and supply unit (performance class 230 – 650 m³/h)

Accessories for suction hoses