

# „DAVID- Mini“

Electrostatic Industrial  
Small Size Precipitator



**Bristol**

Machine Tool Technology  
from Germany



## Electrostatic Oil-/Emulsion- and Smoke Absorption on Machine Tools Smallest in size – big in efficiency

For oil- and emulsion fog and smoke extraction and elimination on modern fully enclosed machine tools of small size, an air volume of approx. 500 m<sup>3</sup>/h is fully sufficient.

So, our „DAVID Mini“ is a small-size, very efficient solution which does not need a lot of maintenance. Aerosoles and smoke particles well down into sub-micron phase are eliminated with a high degree of efficiency. A baffle-plate pre-absorber as well as a close-pack wiremesh prefilter are standard. The 125 mm diam. inlet is on the front side of unit. The access door is upside. On request, inlet position can be manufactured on underside, as well as the door on frontside.

The noise level is very low. Electric voltage 230 Volts, 150 Watt.

Our well-known Electrostatic Precipitator „DAVID“ got a small brother, the „Mini“. Quite often, on modern small-size machines, an air volume of 500 m<sup>3</sup>/h is fully sufficient and makes a small size, easy fit – and an interesting price too.

The housing is 2 mm powdercoated mild steel in BRISTOL colour Waterblue RAL 5021, or on request any other colour shade to RAL-chart. Fitting joints are available. The air inlet 125 mm diam. can be arranged on frontside or on underside of unit. Also, alternatively, the access door could be on the side.

A total filter area of 3 m<sup>2</sup> and ioniser wire length of 4,5 m total will guarantee a high degree of efficiency.

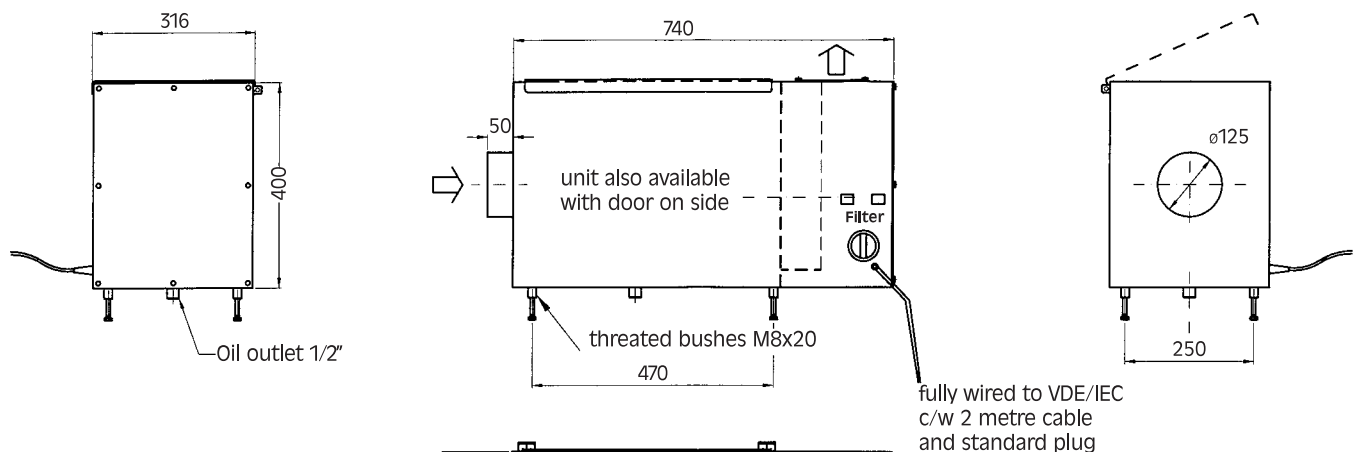
## Basic Technical Datas:

Air Volume: max. 500 m<sup>3</sup>/h

Electrics: Fully wired according to VDE/IEC and ready-to-fit by cable length of 2 metres and standard plug. 150 Watt motor. High Voltage Power Pack „BRISTOL / 7 kV“

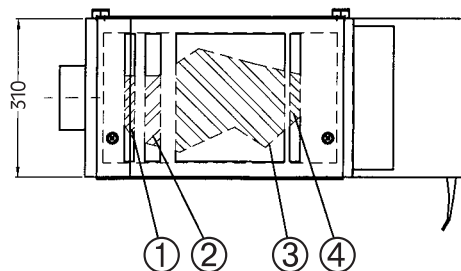
Filter Arrangement:  
 - Baffle Plate Pre-Absorber  
 - 20 mm close-pack stainless steel wire mesh  
 - combined 7 kV Ionisator-/Collection Cell  
 - 20 mm close-pack stainless steel wire mesh

Any technical changes/specifications reserved



Filter Positions:

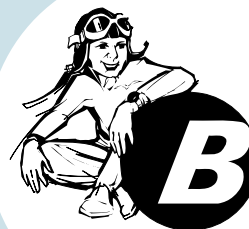
- ① 20 mm close-pack wire mesh
- ② Baffle plate preabsorber
- ③ combined Ion./Coll. Cell
- ④ 20 mm close-pack wire mesh



fully wired to VDE/IEC  
 c/w 2 metre cable  
 and standard plug

### Technical Datas:

Air Volume:	500 m <sup>3</sup> /h
Voltage:	230 V
Power:	180 W
Weight:	ca. 35 kg
Colour:	RAL 5021 Waterblue
Air inlet diam.:	ø 125 mm



# Bristol

Machine Tool Technology  
 from Germany

BRISTOL T & G International GmbH  
 Am Sägewerk 1  
 D-91601 Dombühl/Mfr.  
 Telefon (0 98 68) 98 26 0  
 Telefax (0 98 68) 98 26 26  
 E-mail: info@bristol-dombuehl.de  
 Internet: www.bristol-dombuehl.de