DLB 2000



The DLB 2000, well established in practice, ensures fully automated regulation of rel. humidity with maximum stability. The input of the required rel. humidity and setting of the temperature take place using a touchscreen display.

Benefits

- Adjustable relative humidity from 20 to 80 %
- Highest stability of relative humidity 0.2 %
- Easy handling by touch screen
- External control analogue 0 - 5 V
- Huge water supply tank
- Easy refilling of water
- Reliable function
- Low maintenance
- Reduces your operating costs!

Applications

- Accurate regulation of rel. humidity for test rigs, e.g.
  - filter testing
  - active carbon filter testing
  - bioaerosol measuring device testinn
  - dust measuring device testing
  - etc.
- Conditioning of the dispersion air for the RBG 1000 and RBG 2000 dust dispersers (the instruction manual of the dust dispersers has to be followed).
- Laboratory experiments with special requirements for the stability of rel. humidity.

DATASHEET

Volume flow	10 – 60 Nl/min (others on request)
Interfaces	Analog (0 – 5 V (set point)0 – 5 V (measured humidity))
Power supply	115 – 230 V, 50/60 Hz
Maximum counter pressure	0.5 barg overpressure
Luftfeuchteregelung	20% – 80% (+/- 0.2% at 23 °C)
Water supply	1 l deionised water
Dimensions	280 • 320 • 460 mm (H • W • D)
Weight	Approx. 16 kg