



**MINILAB-XX Series**  
MINILAB-XX Automatic Dehydrator, 48-60 VDC or 100-240 VAC 50/60Hz



The MINILAB Automatic Pressurization Dehydrator is designed for reliable pressurization of elliptical waveguide, coaxial cable and rigid transmission line systems. The dehydrator includes a self contained completely automated air drying system that utilizes a pressure swing moisture absorption cycle to provide pressurized dry air. This eliminates the need for replacement or manual reactivation of the desiccant and makes the MINILAB dehydrators ideal for unattended operation at even remote sites. Normally, this is factory adjusted to 2 kPa (0.3.psig), but may be factory readjusted to operate anywhere between 1 kPa and 6 kPa (0.15 psig and 0.87 psig). A factory set safety valve at 7 kPa (1 psig) protects the products of destruction by over pressure.

**Feature / Benefits**

- Flow rate up to 150 NI/h
- dew point better than -45°C
- two pumps and two drying chambers running alternatively
- continous duty and automatic operation
- drying chamber automatic regeneration
- microprocessor control low/high pressure, high humidity, power and system failure alarm
- local and remote alarm signalling
- very low power consumption
- low acustic noise
- mounting: wall, floor, 19" EIA, ETSI N3 rack

**Technical features**

**GENERAL SPECIFICATIONS**

Product Type	Automatic Dehydrator
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**MECHANICAL SPECIFICATIONS**

Dimension H x D x W	8.8 x 19x 53.3 cm
Weight	4.2 kg

**ENVIRONMENTAL**

Ambient Temperature Range	-10 to +50 °C
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External Document Links

Notes