

*Accessories for Diesel Injection Pump Test Benches
Boost Pressure Supply Device*

LDA 2000



*Boost pressure supply device
with the option 7 overpressure channels*

Boost Pressure Supply Device

Special features:

- **Highly accurate adjustment of up to 7 pressure steps**
- **Manual or fully automatic operation if linked to a computer**
- **Reduction of the adjusting time during test procedures**
- **Optimization of the cycle times**
- **Simple handling**
- **Digital display of the boost pressures**
- **Compact setup**
- **19" module for rack mounting**
- **High reliability**
- **Qualified for use in rough production environment**

General:

The LDA 2000 is a device used to supply the boost pressure. It has its application in all fields where varying pressures with a high adjusting accuracy are needed. The primary application for this modular compressed air device is the Diesel injection pump test technique. Various pressure steps can be switched on pumps with boost pressure dependent full load stop (LDA) or with ambient pressure dependent full load stop (ADA \leftrightarrow vacuum option). The device consists of a compressed air adjusting unit and a display unit. The compressed air adjusting unit has 4 channels with overpressure in the standard version, but is optionally extendable up to 3 additional channels for overpressure or vacuum. The display unit is equipped with a relative pressure display in the basic version and can be extended with an absolute pressure display by request.

Technical data

Digital display		Outlets	
Resolution:	1 mbar.	Measuring values ($p_{rel.}$, p_{abs}):	BCD-Interface, open Collector PLC-level 24 V
Pressure controller		Pressure step selection:	
Overpressure:	0 - 2.5 bar (relative)		
Vacuum (optional):	0 - 700 mbar (relative)		
Control accuracy:	+/- 3 mbar		

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