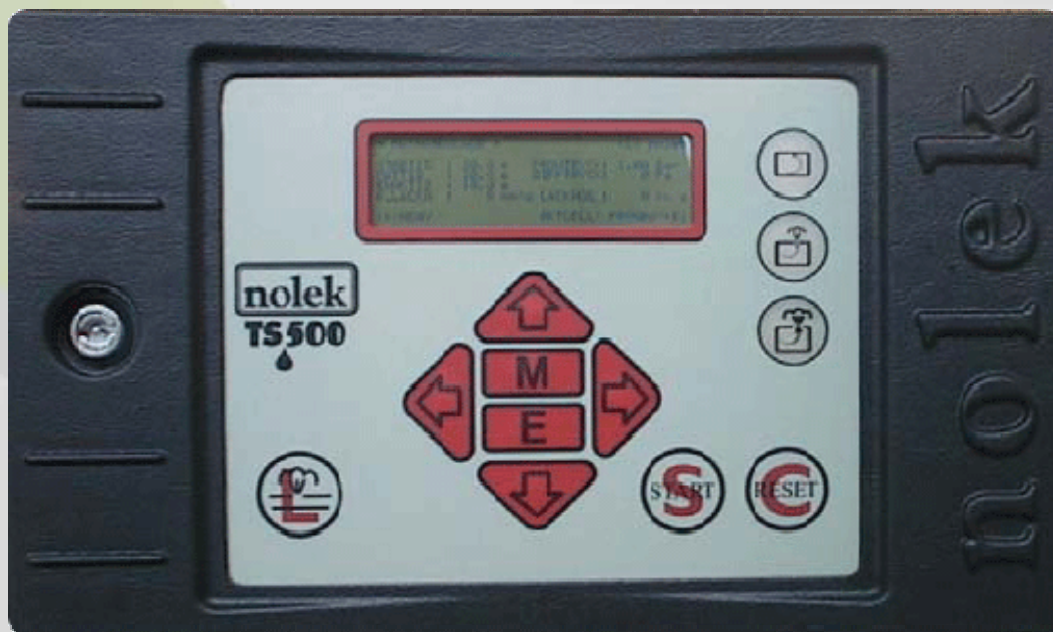


PressurizeIT

Leak Instrument TS 500

Modern and User Friendly
Leak Testing to Increase Your Profit

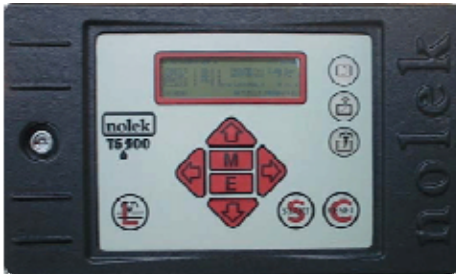


Specialist in leak testing since 1973



- Leak Testing -

- A standard instrument with broad range of application in leak testing -



TS500 is an instrument for effective leak testing, available for immediate delivery. The instrument is easy to program via a simple and user-friendly menu structure. Ideal for leak testing, proof testing and leak detection in most industries.

Technical data:

- Measuring range 0-500 Pa or 0-1000 mm³ /s
- Digital display preset leak value in mm³ /s.
- Manual regulator for setting of test pressure.
- Digital display of test pressure in bar.
- Integral reference leak for easy checking of function and calibration.
- 16 programs enabling simple exchange of test pieces.
- Graphic LCD display 8 lines 40 characters/line for clear and intelligible menus.
- Digital, external communication.
- Port for automatic connector.
- Logging of latest alarm type / date and time.
- Language options: Swedish, English, German.

Clear signal Tight (green) or Leak (red) after completed test, also available as electric signal. Statistical information of number of Tight and Leak is reached via the menu.

Types:

- | | |
|---|--|
| TS 511.1 Diff.pressure, over pressure 2-14 bar | TS 531.1 Flow testing., over pressure 2-14 bar |
| TS 511.2 Diff.pressure, over pressure 0.5-5 bar | TS 531.2 Flow testing., over pressure 0.5-4 bar |
| TS 511.3 Diff.pressure, over pressure 1.0-500 mbar | TS 531.3 Flow testing., over pressure 1.0-500 mbar |
| TS 512.4 Diff.pressure, under pressure 0-97% vacuum | |

THE TS 500 SPECIFICATIONS:

General info

Keyboard: 4 arrows keys (Menu/Enter/Start/Reset/Leak)
 Display: Graphic LCD 8 lines 40 characters/line.
 Background illumination
 Diode lamp: Signals for approved/not approved test piece

Dimension and weight

- Dust and drip proof, lockable stove enameled steel cabinet. IP 55
- Weight ca 19 kg.
- Complies with the requirements of the Swedish industrial safety authorities for pressure measuring methods.
- Designed for industrial environment. CE-marked
- All connection on the backside of the instrument.
- Width* depth*height: 440*310*264 mm



Electronics

Processor: 80C186EB-20
 16 bit CPU 20 MHz
 Resolution: 12 bits
 Measurement accuracy: 0,1%
 Data storing: 12 months
 Data outlets: 1 serial
 Inputs: 6 digital active high
 1 digital active low
 1 analogue for pressure sensor
 1 analogue for diff. pressure sensor
 1 analogue general
 Outputs: 4 digital, n/o
 1 digital, n/o, n/c
 Power supply: 230V/2A, 50 Hz

Performance - Differential pressure measurement

Measuring range: 1-500 Pa
 Resolution: 1 Pa
 Programmable timers: 0,1-999,9 sec
 Pressure range in steps: from vacuum to 16 bar
 Programs: 16

Measurement and repetition accuracy is dependent on application

Pneumatics

- Test medium: Dry and oil free compressed air
- Compressed air supply: Min. 5 bar, 1 bar over max. test pressure
- Adjustment of measuring pressure: via a Manual regulator
- Transducer: by differential pressure or flow meter

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