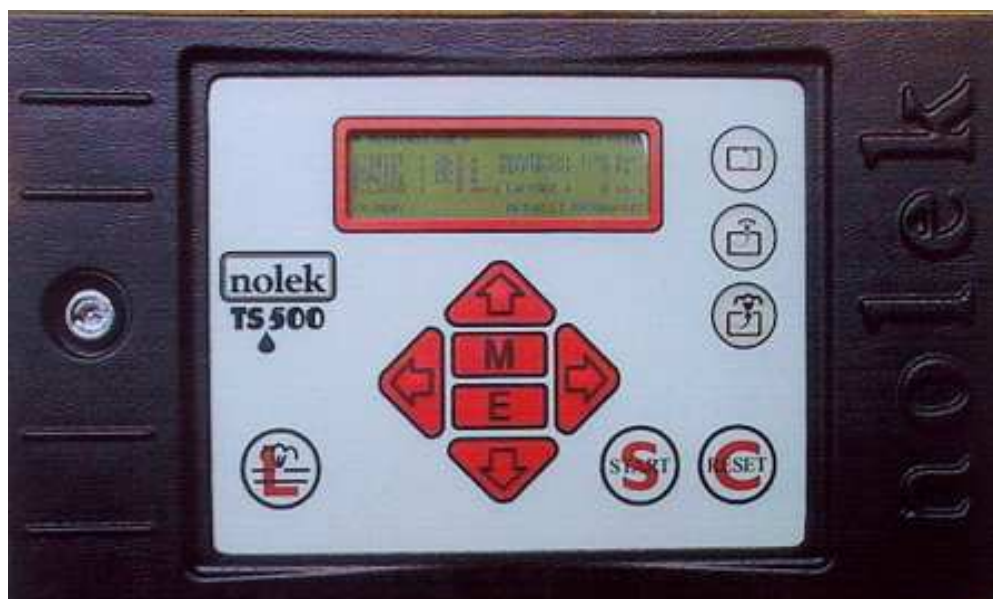


# Nolek TS 500

## Leak Test Instrument

TS 500 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, pressure testing and leak detection in most industries.

The TS 500 is a simplified leak test instrument that is used in less demanding applications, when you don't need the enhanced features of the S9's flexibility.



### Technical data:

- Measuring range 0-500 Pa or 0-1000 mm<sup>3</sup>/s
- Digital display preset leak value in mm<sup>3</sup>/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.
- 100 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



# Nolek TS 500

## System Features & Specification

### 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	100

Measurement and repetition accuracy is dependant on application

### Electronics

Processor:	80C186EB-20 16 bit CPU 20 MHz
Resolution:	12 bits
Measurement accuracy transducer:	0,1%
Data storing without current:	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

### 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	Manual regulator
Transducer	Differential pressure or flow meter

### 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 pass/fail

### Dimension and weight

Dimensions:	440mm wide x 310mm deep x 264mm high
Weight:	ca 19 Kg

Dust and drip proof, lockable stove enamelled steel cabinet. IP 55 Rated  
Designed for industrial environment. CE-marked  
All connections on the rear of the instrument.



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