

# LPC 528



## HIGHLIGHTS

- ✓ Unique auto test setup
- ✓ Multilingual software
- ✓ RS232, Ethernet, ProfiNET
- ✓ Color graphic display
- ✓ Intuitive user interface
- ✓ Compact modular design
- ✓ Self-test diagnostics verification

## DESCRIPTION

- High speed, powerful computer with 32 bit processor
- 32 freely programmable measuring programs
- RS232 and TCP/IP (Telnet) as communication interfaces
- Automatic calibration routine using calibrated leak standard
- Environmental drift correction
- Data collection & storage of up to 5,000 test results
- Real-time data transmission (0.05 seconds) via RS232
- Absolute pressure transducer
- High resolution 24 bit A/D converter
- Versatile test capabilities including pressure decay, vacuum decay, volumetric fill and occlusion
- Multi-level password protection
- Quick test function to reduce cycle times
- Self-test functions: internal pneumatic leak check, calibration test, transducer zero and span calibration, test regulator adjustment

## TECHNICAL SPECIFICATIONS

Housing (BxHxT)	270 x 170 x 260 mm
Weight	6 - 7 kg
Rated Voltage Range	120 V AC 1A / 230 V AC 0.5 A
Protection	IP30
Air Supply	Air, nitrogen Dried ISO 8573-1 Class 2 Compressed air dew point -40 °C Filtered with min. 1 µm Up to 1 mg/m <sup>3</sup> of oil
Operating Temperature Range	5 - 45 °C
Max. Humidity	90 % rH not condensing
Power Supply (24 V optional)	M12 Connection 24 V max. 2 A

## APPLICATION EXAMPLES

Automotive	Powertrain	Consumer Goods	Energy
HVAC/R	Medical	Military	Other Transportation

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## DISPLAY

- Vivid, color LCD display with icon menu screen for easy navigation
- Bar graph test results, digital test results, test parameters, test counters and test statistics
- Allows test specific units of measurement
- Test result lights for "In Test", "Accept", "Reject"
- Language neutral keypad

## INTERFACES

- Communication via RS232, USB, Ethernet and ProfiNET; includes parameters, results, counters and statistics at baud rates up to 115,200 for RS232
- Tooling control for simple applications
- Standard set integral 6 input/3 output digital interface independently programmed within each individual part program

## MEASURING RANGES

	Gauge Pressure (A)	Absolute Pressure (Vacuum)
Test Pressure Range	0 up to 14 bar (gauge) <sup>1)</sup>	0 up to 1 bar (absolute)
Test Pressure Control Accuracy	1.5 % FS	1.5 % FS
Measuring Range	0 up to 14.8 bar (absolute)	0 up to 1.4 bar (absolute)
Measuring Accuracy (±X.X full scale + Resolution (Digit))	< 7.8 bar: ±0.4 % + 0.1 Pa  < 14.8 bar: ±0.4 % + 1 Pa	±0.4 % + 0.1 Pa (vacuum)

<sup>1)</sup> Reference to 1013.25 mbar, abs

## OPTIONS

- Automatic or manual pressure regulator
- Externally mounted calibrated leak standard
- Standard or high-flow CV Manifold
- Selectable pressure packages
- Selectable transducer ranges

## ACCESSORIES

- Calibrated test leak & leak simulator
- Vacuum pump
- Filter Kit
- CTS-Schreiner Connects