



SPADE Pro-Gauge are the newest series display units from MICRONBEATS. With bright bi-colour digits and large font LCD, the series covers a range of display units that can deliver excellent and user-friendly performance. Virtually maintenance free, these devices have been in use over many years in industry delivering excellent measurement performance in varying industrial environments.



## SAILENT FEATURES

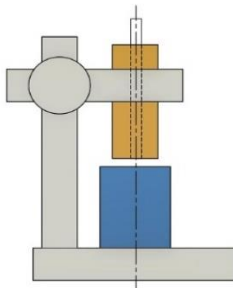
- 0.56" Tricolor digit display for showing measured value.
- 16X2 Big font alphanumeric LCD display for settings and configuration.
- Up to 32 manually selectable program settings.
- Up to 16 auto selectable programs (when used with IO expansion board).
- 0.1µm, 0.5µm, 1µm Least count options.
- Absolute/relative measurement.
- Measurement unit can be mm or Inch.
- 8000 records internal storage capacity with timestamp and program number.
- Built-in real time clock.
- Accept /Reject /Rework output relay.
- RS232 serial port for PC connectivity.
- Additional RS232 serial port for auto-correction communication or connecting IO expansion board.
- Built in air regulator for precise and stable measurement.
- Compatible with wide range of air gauges.
- Software utility available for fetching stored data from device or configuring settings from computer.



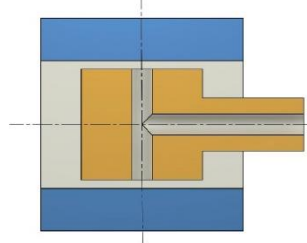
- Temperature compensated pressure sensor (Honeywell make) for long term stability.
- SMPS power supply for operation over wide input power supply from 100VAC to 250VAC.
- Aluminum enclosure for light weight and smooth finish.
- Non heating and all SMD electronics makes the device durable and noise free.

# APPLICATIONS

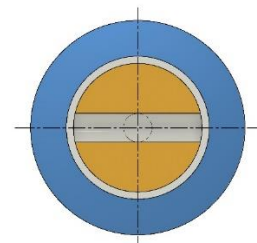
Height, Thickness



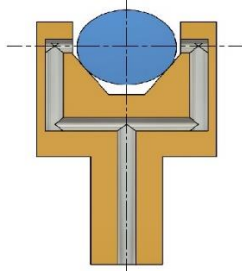
Inside diameter,  
Cylindricity tolerance



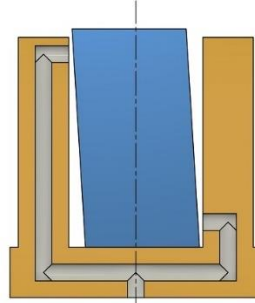
Outside diameter  
Cylindricity tolerance



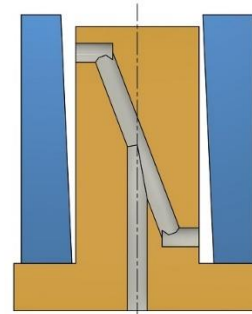
Outside diameter,  
Circularity tolerance



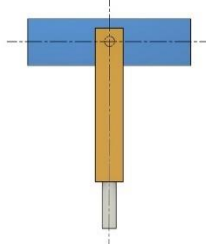
Perpendicular between  
outside diameter



Perpendicular between  
inside diameter



Outside diameter  
Cylindricity tolerance



And many more...



General Specifications	
Dimensions (mm) W x H x L	170mm X 40mm X 222mm
Type of mounting	Table top
Housing material	Aluminum
Operating temperature	10°C to 45°C
Power supply	100V to 250VAC, 50Hz Univeral input
Technical Specifications	
Baud Rate	9600 To 115200
Interface	RS232
Probe Compatibility	Solartron, Baker, Tesa, Dong-Do, Any other Tesa compatible probe
Sampling rate	Settable from 2msec to 500msec
Measuring Range	Up to 5mm for inductive probe input Up to 80micron for air gauge input
Resolution	Settable as 0.1/0.5/1/2 micron
Input channels	1, 2 or 4
PC Interface	RS232
Use	To measure Inside Diameter Outside Diameter, Taper, Squareness, Flatness, Ovality

## AVAILABLE MODELS

PRODUCT CODE	DESCRIPTION
ProGauge 1000P	Single channel inductive probe input
ProGauge 1000A	Single channel air gauge input
ProGauge 2000P	Two channel inductive probe input
ProGauge 2000A	Two channel air gauge input
Super 4000P	Four channel inductive probe input
Super 4000A	Four channel air gauge input