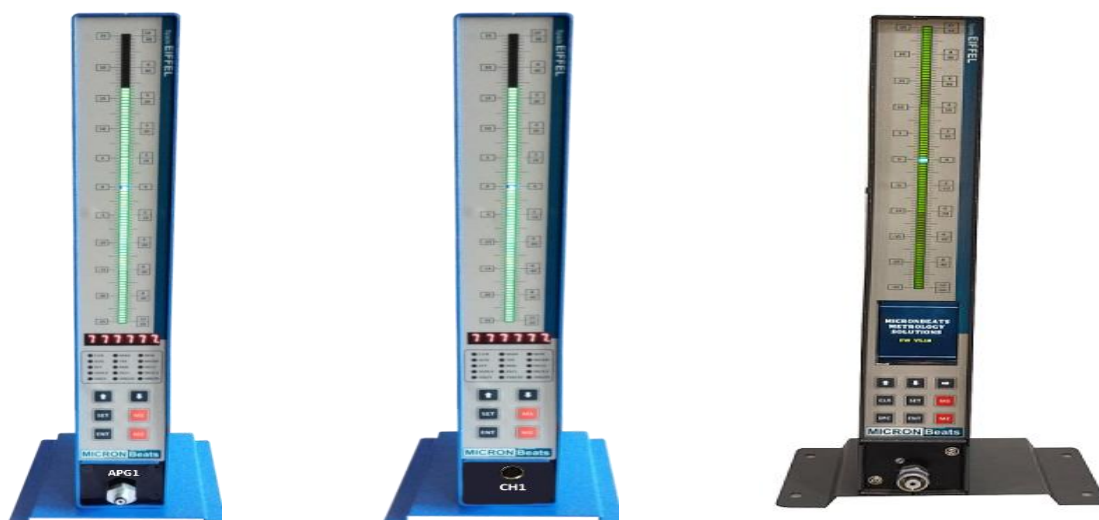# EIFFEL
Tri-color Display Units

MICRON Beats

The Eiffel Display Units —available in **Eiffel Standard** and **Eiffel SPC** versions are designed with advanced microcontroller-based hardware that ensures high-speed data processing, stable performance and exceptional measurement accuracy.

The Eiffel Standard uses bright Red 0.36" LED digits that ensure clear visibility for quick and precise readings. In comparison, the Eiffel SPC equipped with a 2.8" TFT Color Display, providing enhanced visualization and more detailed measurement representation.

Both models feature a Tri-Color Bar Graph Display that provides an intuitive visual representation of measurement results automatically transitioning between **ACCEPT, REWORK**, and **REJECT** according to the set upper and lower tolerance limits. Both units have a very simple and easy-to-understand menu, making them highly user-friendly.

EIFFEL STANDARD AND EIFFEL SPC UNITS FEATURES

Feature	Eiffel Standard	Eiffel SPC
Display Type	Red 0.36" LED digits ensure clear visibility for precise readings.	2.8" TFT Color Display for enhanced visualization.
Tri-Color Bar Graph (ACCEPT / REWORK / REJECT)	✔	✔
Store up to 10,500 records internally	✔	✔

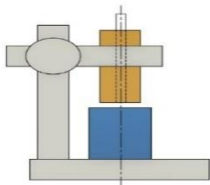|		
Measurement Units Supported (Metric/Inch)	✔	✔
Measurement Modes (Static / Dynamic)	✔	✔
Manually Selectable Programs	Up to 32 programs	
Least Count Options	0.1µm, 0.2µm, 0.5µm, 1µm, 2µm, 5µm, 10µm	
Measurement Mode (Absolute / Relative)	✔	✔
Bar Graph Ranges (10, 25, 100, 250, 500)	✔	✔
RS232 Computer Connectivity	✔	✔
Auto Save & Auto Sense Facility	✔	✔
Built-in Real Time Clock & Low Battery Warning	✔	✔
Auto Correction Command (via RS232 / Ethernet)	✔	✔
Settable Shift Timings	✖	✔
Display of Total / Accept / Reject / Rework Counts	✖	✔
SPC Features (Cp, Cpk, Pp, Ppk, Std Deviation, etc.)	✖	✔
Password Protection for All Settings	✖	✔
Optional Features (Available on request; additional cost applicable)		
Time-Based Air Cut-Off	✔	✔
Low Air Pressure Alert	✔	✔
Rejection BIN Interlock	✖	✔
Ethernet, USB Port for Seamless Computer Connectivity	✔	✔
Store up to 5 lakh records.	✔	✔

Note-PrimeLogger software-only offering is available on demand.
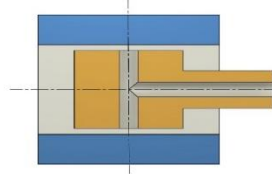
EIFFEL PRODUCT MODELS

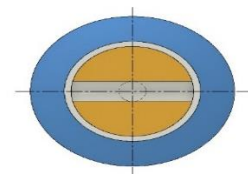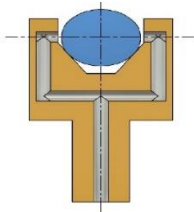| Product Model	Description
Eiffel Standard AR11/ Eiffel Standard PR11	Eiffel Standard Single Air input, Single result/ Eiffel Standard Single Probe input, Single result tricolor display unit.
Eiffel SPC AR11/ Eiffel SPC PR11	Eiffel SPC Single Air input, Single result/ Eiffel SPC Single Probe input, Single result tricolor display unit.
Eiffel SPC PR21	Eiffel SPC Two Probe input, Single result tricolor display unit.

APPLICATION

Height, Thickness
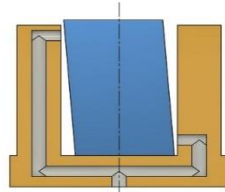
Inside diameter, Cylindricity tolerance

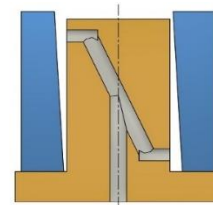Outside diameter Cylindricity tolerance
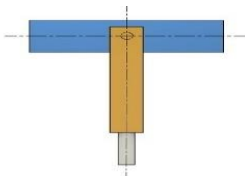
Outside diameter, Circularity tolerance

Perpendicular between outside diameter

Perpendicular between inside diameter

Outside diameter Cylindricity tolerance

And many more...

All the above products are used for below application type measurements.