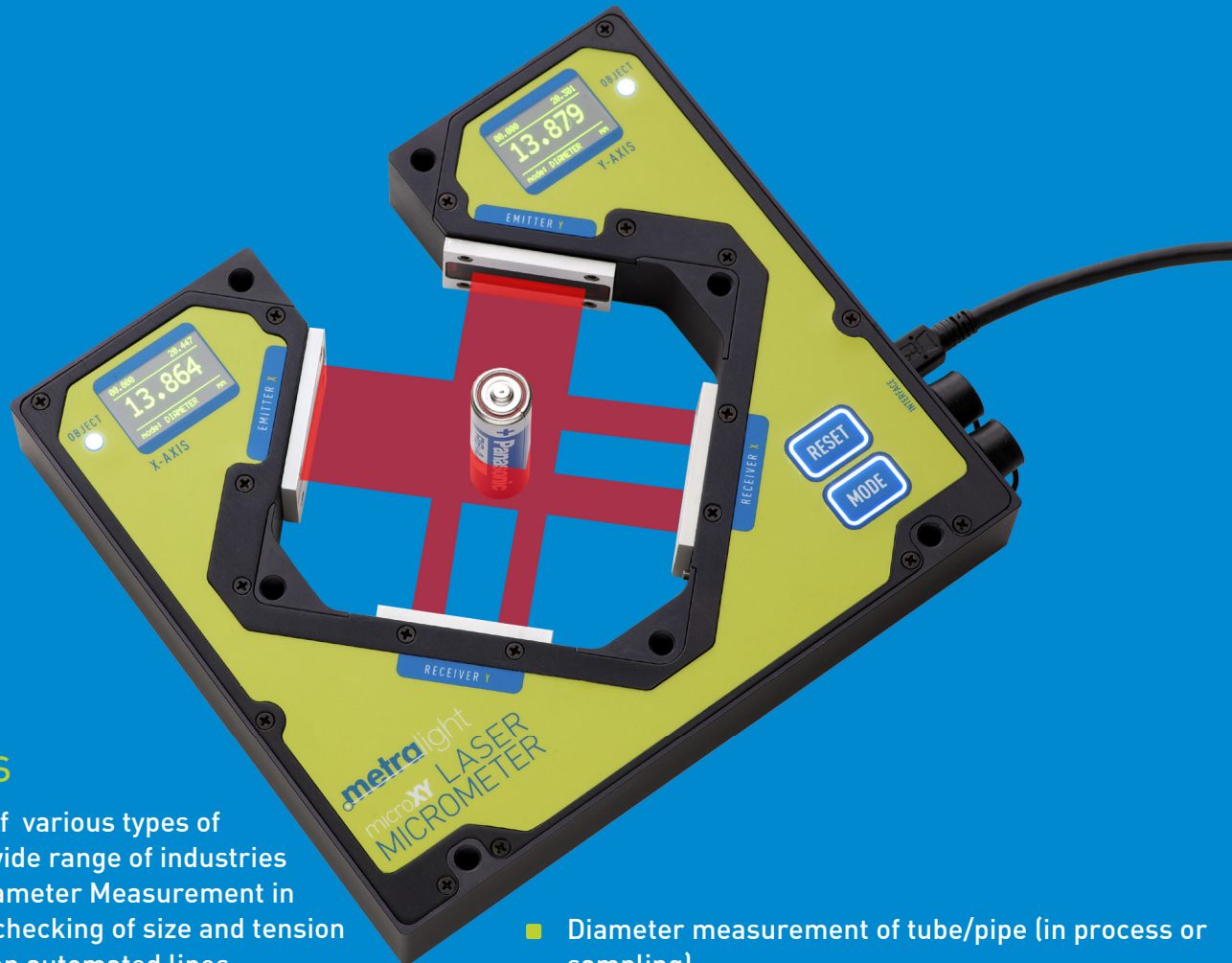


MXY LASER MICROMETER



APPLICATIONS

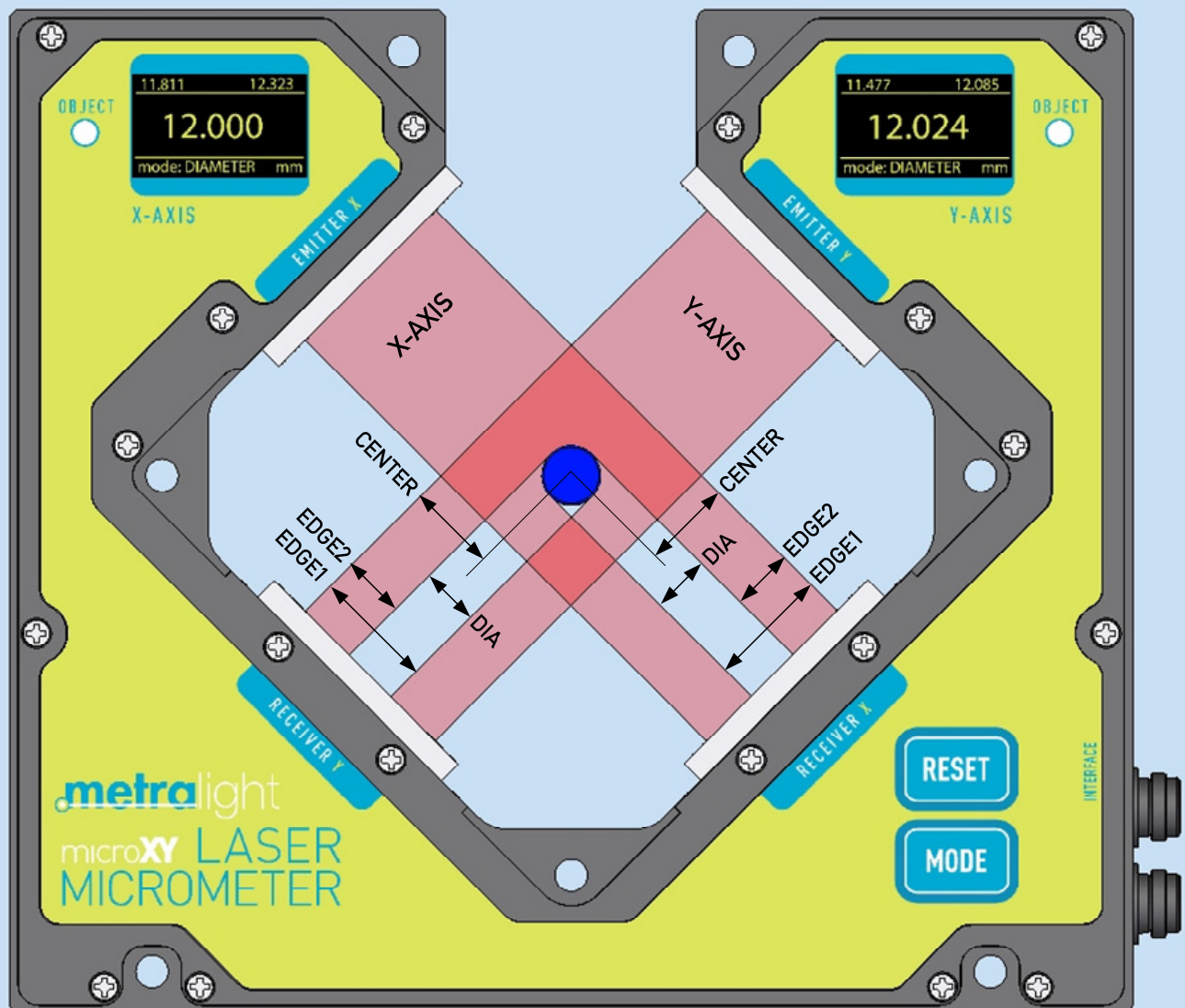
- Measurement of various types of materials in a wide range of industries
- Position and Diameter Measurement in same time, for checking of size and tension of wire (cable) on automated lines
- Diameter measurement of tube/pipe (in process or sampling)

FEATURES

- Measurement range: 0 to 28 mm
- Sub-micron Resolution of $0.4375 \mu\text{m}$
- Fast measurement (1250 measurement/s)
- No Separate external controller required
- RS232, USB and Analog output
- Customized for SPI, Ethernet or Parallel interface
- Calibrated Data Output
- Class II Laser device (670nm)
- Robust construction: Aluminum body with locking connectors
- Simple system integration (includes sample application with source code)

SPECIFICATION

Measurement range	28mm (1.1 in)
Resolution (Pixel size)	0.4375 μm
Non-Linearity	< 5 μm (Edge position, calibrated distance)
Response Time	0.782 ms
Laser	670 nm, Class II, <1mW
Measuring Modes	Edge1, Edge2, Diameter, Center, Gap, Center
Power	12 to 24VDC (160mA) or USB powered
Weight	800g (27oz)
Interface (I/O)	Serial (RS232), Analog or Parallel binary (TTL) or USB



EDGE1, EDGE2, CENTER and DIAMETER Mode

MX Y LASER MICROMETER

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