

## *Tubing Ovality Monitor* **TOM**

**TOM** is a fast and accurate laser diameter-measuring tool.



*Measuring Head*

**System features include:**

- Standard diameter range from 1" to 2".
- By replacing the rollers, pipe diameters can be as small as 0.01" and as large as 2".
- Very high scan rate (measuring frequency).
- Highly precise measurements.
- Resolution 0.1  $\mu\text{m}$  (0.000005").
- Transmits data in ASCII format over a serial link (RS232). Requires a data acquisition system such as REAM HMI for reading and recording data.
- High dirt and dust tolerance.



*Inside Enclosure*



*Complete Assembly*

**Specifications:**

Main enclosure	- Dimensions:	450 x 430 x 105 mm
	- Weight:	25 Kgs
Measuring head	- Power supply:	90 to 265 VAC
	- Power consumption:	20 VA
Climate control	- Power supply	12 VDC
	- Maximum current	15 A
Cables:	20m cables bundle (3 cables) supplied as standard for AC power, DC power, RS232 communication.	