SROD
ROBOTICS

M300

Pipe Diameter Gauge

- √ High measurement accuracy
- √ Multi-condition visual measurement
- √ Ingenious telescopic and folding design
- √ DN300~3000



M300 PIPE DIAMETER GAUGE

M300 is an intelligent pipe diameter gauge applied in scenarios such as pipeline surveying and geophysical exploration, and pipe diameter measurement during operation and maintenance.This product is portable and adopts two measurement modes: laser and ultrasonic. It can measure both without water and with water, featuring high measurement accuracy (error less than 5%).The equipped telescopic rod with a folding design can measure Wells over 9 meters deep, featuring high measurement efficiency and the ability to conduct multi-condition visual measurement.



Key Features

- High measurement accuracy
- Ingenious telescopic and folding design
- High measurement efficiency
- Multi-condition visual measurement

Application Scenarios



Shallow water pipeline
- laser measurement



Full water pipe
- ultrasonic measurement



Box culvert measurement

Key Specs

Telescopic rod	Material quality	Carbon fiber
	Length	Standard configuration: 9m per piece;High-end configuration: 14m per piece
	Weight	Standard configuration: 2kg per piece;High-end configuration: 3kg per piece
	Bending strength	127.5 Mpa
Measuring terminal	Category	All-in-one laser measurement + ultrasonic measurement
	Chi cun	Main dimensions: 600×315× 95mm;Telescopic crossbar: 560-1110mm
	Weight	4.5 kg
	Waterproof grade	IP68
	Applicable pipe diameter	DN300~3000
	Continue voyage	Single battery for 4 hours, standard configuration includes 2 batteries
	Video resolution	Resolution: 720×480, 350,000 pixels