

# Measuring Instrument

## Laser Distance Meter



### Specifications

Make	MAKITA
Model	LD080P
Measuring Distance (m)	0.05-80
Typical Measuring Accuracy (mm)	±1.5mm(30m)
Power	Battery 3A×2
Dimensions L×W×H (mm)	144×55×22
Weight (kg)	210

## Multi Gas Detector



### Specifications

Maker	GMI
Model	PS200
Dimension	121 × 59 × 32mm
Weight	215g (without pump), 230g(with pump)
Sampling Pump	3m
Temperature	-20°C to +50°C
Humidity	0 to 95% R.H non-condensing
Battery	Up to 14hours for running time, 4 hours for charging
Sensor Specifications	LEL : 0 - 100% in 1% LEL increments / O2 : 0 - 25% in 0.1% increments CO : 0 - 1000ppm in 1ppm increments / H2S : 0 - 100ppm in 1ppm increments

## Vane Anemometer (Wind Gauge)

### TESTO 416



### Specifications

Model	TESTO 416
Sensor Type	Vane
Meas. range ±1 digit	+0.6 to +40m/s
Resolution	0.1m/s
Oper. temp.	-20 to +50°C
Storage temp	-40 to +85°C
Battery type	9V block battery, 6F22
Battery life	80h
Dimension (mm)	182×64×40
Weight	325g
Material/Housing	ABS

## Thermal Anemometer (Wind Gauge)

### TESTO 425



### Specifications

Make	TESTO
Model	TESTO 425
Sensor Type	Thermal
Meas. Range ±1 digit	+0.6 to +40m/s
Resolution	0.01 m/s
Operating Temperature	-20 to +50°C
Storage Temperature	-40 to +85°C
Battery type	9V block battery, 6F22
Battery life	20h
Dimension (mm)	182×64×40
Weight	285
Housing Material	ABS

## Portable Ultrasonic Flowmeter



### Specifications

Maker	TOKYO KEIKI
Model	UFP-20
Applicable Pipe Diameter	DN13~DN5000
Measurement Method	Ultrasonic Pulse Transit time Difference
Measuring Range	-30m/s ~ +30m/s
Accuracy	+/- 1% ~ 2% R.D.
Operation temp. (Transducer)	-20°C~+120°C (DN13~DN500) -20°C~+80°C (DN300~DN5000)
Power	Battery (8Hr) or 90~264V AC
Data storing	Logged as CSV format
Weather Protection	IP65
Dimension (Main Unit) (W×L×H) (mm)	135 × 250 × 68
Weight (Main Unit) (kg)	Approx. 1.4 (incl. Battery)