

TECHNICAL DATA

Fluke 404E, 406E, 405, 408 and 410

Laser Distance Meter



Product Overview

Just point and click to instantly measure up to 100 meters, new Fluke Laser Distance Meters are fast, accurate, durable, and easy to use.

These Laser Distance Meters have the Fluke's core value you expected. The simple design and easy-to-use button operation allow you to operate with one hand, minimize the time spent in measuring, also maximize the reliability of measurements.

Features and benefits

- Quickly measure distance, calculate area / volume / pythagoras
- Auto level and height
- Built to withstand rainy or dusty conditions : 1-meter drop tested with rated IP54 (FLUKE 404E / 406E), IP64 (FLUKE 405 / 408 / 410),
- Electronic angle display, auxiliary level measurement
- Up to 100 sets of data storage
- The battery life up to 5000 single measurements
- Automatically power off after 3 minutes of inactivity



FLUKE 405 / 408 / 410 provide additional features as:

- Universal tripod interface, easy to use
- Type-C charging port, strong endurance
- 2-inch HD display, clear viewing in full sunlight



Specifications



	Fluke 404E	Fluke 406E	Fluke 405	Fluke 408	Fluke 410				
Specifications									
Range	0.2 to 40 m	0.2 to 60 m	0.2 to 50 m	0.2 to 80 m	0.2 to 100 m				
Accuracy* In favorable condition**	$\pm(2.0\text{mm}+5\times10^{-5}\text{D})$		$\pm(2.0\text{mm}+5\times10^{-5}\text{D})$						
Accuracy In unfavorable condition***	$\pm(3.0\text{mm}+29\times10^{-5}\text{D})$		$\pm(3.0\text{mm}+29\times10^{-5}\text{D})$						
Angle accuracy	$\pm(0.3^\circ+0.1^\circ+0.01^\circ\text{A})$, A is up to $\pm45^\circ$ in each quadrant								
Angle measurement method	Electronic								
Measurement unit	m / ft / in / ft+in								
Display	1.6 inch, segment alphanumeric display	2.0-inch positive display							
Measurements									
Single measurement	●	●	●	●	●				
Continuous measurement	●	●	●	●	●				
Area measurement	●	●	●	●	●				
Volume measurement	●	●	●	●	●				
Auto Level	●	●	●	●	●				
Auto Height	●	●	●	●	●				
Pythagoras 2-point	●	●	●	●	●				
Pythagoras 3-point	●	●	●	●	●				
Add / Substrate Method	●	●	●	●	●				
Measurement reference	Front / Back		Front / Tripod hole / Back / Extender						
Auto-off	3 minutes after inactivity		3 minutes after inactivity						
Data Storage	30 sets		100 sets						
Time-delay measurement	-	-	●	●	●				
Auto calibration	-	-	●	●	●				
Side button	-	-	●	●	●				
Extender	-	-	●	●	●				
General									
Laser class	Class 2								
Laser type	630 to 670nm, <1mW								
Battery life	up to 5000 measurements (single measurement)	up to 3500 measurements (single measurement)							
Operating temperature	0 °C to 40 °C								
Storage temperature	-10°C to 60°C								
Ingress protection	IP54	IP65							
Drop test	1 m	1 m							
Size	50 mm x 115mm x 29mm	52 mm x 116mm x 28mm							
Weight	100g	110g							

* Temperature for specified accuracy is 25°C

** Favorable conditions: white and diffuse reflection objects (white painted walls), low background illumination and moderate temperature

*** Unfavorable conditions: objects with low or high reflectivity, high background illumination or the temperature is at the upper or lower limit of the specific temperature range



	Fluke 404E	Fluke 406E	Fluke 405	Fluke 408	Fluke 410
Certification					
Laser certification	IEC 60825-1: Class 2, 635 nm, <1 mW CPA, CE				
Electrical certification	IEC 61010-1: Pollution Degree 2 EMC: IEC 61326-1: Industrial Electromagnetic Environment CISPR 11: Group 1, Class A				
Certification					
Packaging box	Folding box	Folding box	Full telescope	Full telescope	Full telescope
User manual	√	√	√	√	√
Vinyl carrying pouch	√	√	√	√	√
Battery	2 AAA alkaline cells	2 AAA alkaline cells	2 AAA NiMH rechargeable cells	2 AAA NiMH rechargeable cells	2 AAA NiMH rechargeable cells
Qualification certificate	√	√	√	√	√
Lanyard	-	-	√	√	√
Charging cable	-	-	Type-C cable, 0.5m	Type-C cable, 0.5m	Type-C cable, 0.5m

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