

**TECHNICAL DATA**

# Fluke 406E 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 leveling and vertical
- Built to withstand rainy or dusty conditions : 1-meter drop tested with rated IP54 (FLUKE 406E), IP65 (FLUKE 410),
- Electronic angle display, auxiliary level measurement
- Up to 100 sets of data storage
- The battery life up to 5000 single measurements
- Automatically turn off after 3 minutes of inactivity



### FLUKE 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
- Quickly measure distance, calculate area/volume/pythagoras, auto level and height



## Specifications



	Fluke 406E	Fluke 410
<b>Specifications</b>		
Range	0.2 to 60 m	0.2 to 100 m
Accuracy* In favorable condition**	$\pm(2.0\text{mm}+5\times 10^{-5}\text{D})$	$\pm(2.0\text{mm}+5\times 10^{-5}\text{D})$
Accuracy In unfavorable condition***	$\pm(3.0\text{mm}+29\times 10^{-5}\text{D})$	$\pm(3.0\text{mm}+29\times 10^{-5}\text{D})$
Angle accuracy	$\pm(0.3^\circ+0.1^\circ+0.01^\circ\text{A})$ , A is up to $\pm 45^\circ$ in each quadrant	
Angel measurement method	Electronic	
Measurement unit	m / ft / in / ft+in	
Display	1.6 inch, segment alphanumeric display	2.0-inch positive display
<b>Measurements</b>		
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	-	●
<b>General</b>		
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 × 115mm × 29mm	52 mm × 116mm × 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



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

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