

FLUKE®

The high-performance, professional-grade distance measuring tool

## Fluke 421D

Confidently measure up to 100 m (330 ft) with 1.5 mm (1/16 in) accuracy

### Features and benefits:

- Save time and money by reducing estimation errors
- Most advanced laser technology for distance measurement
- Instant measurement with one-button operation
- Quickly calculate area (square feet) and volume
- Easy targeting with bright laser
- Indirectly determine a distance via two or three other distances (Advanced Pythagoras)
- Easily add and subtract measurements
- Two-year warranty
- Improved visibility with backlit display
- Min/Max function
- IP 54 – spray water and dust resistant
- **Audible feedback for taking room angle and incremental measurements**
- **± 45° Tilt sensor for taking indirect measurements in hard to reach areas**



Technical specifications	
Range	0.05 m to 100 m (0.16 ft to 330 ft)
Measuring accuracy	± 1.5 mm (± 0.059 in)*
Laser class	II
Automatic power off	after 180 seconds
Continuous measurement	Yes
Battery life	up to 5,000 readings
Temperature range—operation	+0 °C to 40 °C (32 °F to 104 °F)
Batteries	2 AAA

The advanced, professional-grade distance measuring tool

## Fluke 416D

Confidently measure up to 60 m (200 ft) with 1.5 mm (1/16 in) accuracy

### Features and benefits:

- Save time and money by reducing estimation errors
- Most advanced laser technology for distance measurement
- Instant measurement with one-button operation
- Quickly calculate area (square feet) and volume
- Easy targeting with bright laser
- Indirectly determine a distance via two or three other distances (Advanced Pythagoras)
- Easily add and subtract measurements
- Two-year warranty
- **Improved visibility with backlit display**
- **Min/Max function**
- **IP 54—spraywater and dust resistant**



Technical specifications	
Range	0.05 m to 60 m (0.16 ft to 200 ft)
Measuring accuracy	± 1.5 mm (± 0.059 in)*
Laser class	II
Automatic power off	after 180 seconds
Continuous measurement	Yes
Battery life	up to 5,000 readings
Temperature range—operation	+0 °C to 40 °C (32 °F to 104 °F)
Batteries	2 AAA

The professional-grade distance measuring tool

## Fluke 411D

Confidently measure up to 30 m (100 ft) with 3 mm (1/8 in) accuracy

### Features and benefits:

- Save time and money by reducing estimation errors
- Most advanced laser technology for distance measurement
- Instant measurement with one-button operation
- Quickly calculate area (square feet) and volume
- Easy targeting with bright laser
- Indirectly determine a distance via two other distances (Pythagoras)
- Easily add and subtract measurements
- Two-year warranty



Technical specifications	
Range	0.1 m to 30 m (0.33 ft to 100 ft)
Measuring accuracy	± 3 mm (± 0.118 in)*
Laser class	II
Automatic power off	after 180 seconds
Continuous measurement	Yes
Battery life	up to 3,000 readings
Temperature range—operation	+0 °C to 40 °C (32 °F to 104 °F)
Batteries	2 AAA

FLUKE®

Point, shoot, and measure distance



100 m  
(330 ft)

60 m  
(200 ft)

30 m  
(100 ft)

It's that easy!

\*In favorable conditions (optimal target surface, room temperature) up to 10 m (33 ft) (For complete accuracy information please see the manual)

## Fluke 421D, 416D and 411D Laser Distance Meters

The Fluke professional laser distance meters can be used in multiple applications . . .

**■ Electrical**

- Conduit lengths
- Wire lengths
- Power drop spacing
- Lighting spacing and locations
- Equipment power box locations

**▲ Plant Management (Industrial)**

- Equipment layout
- Piping/exhausts/ventilation
- Equipment installation
- Conduit layout and installation

**✕ HVAC**

- Air ventilation and ducting
- Equipment position
- Air volume calculations
- Hot/Cold water piping
- Wire length
- Duct sizing

**● Tenant Space**

- Space layout
- Lighting spacing
- Floor plan layout
- Network room layout



Equipment Set up



Ventilation



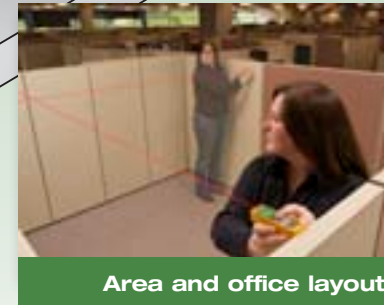
Electrical



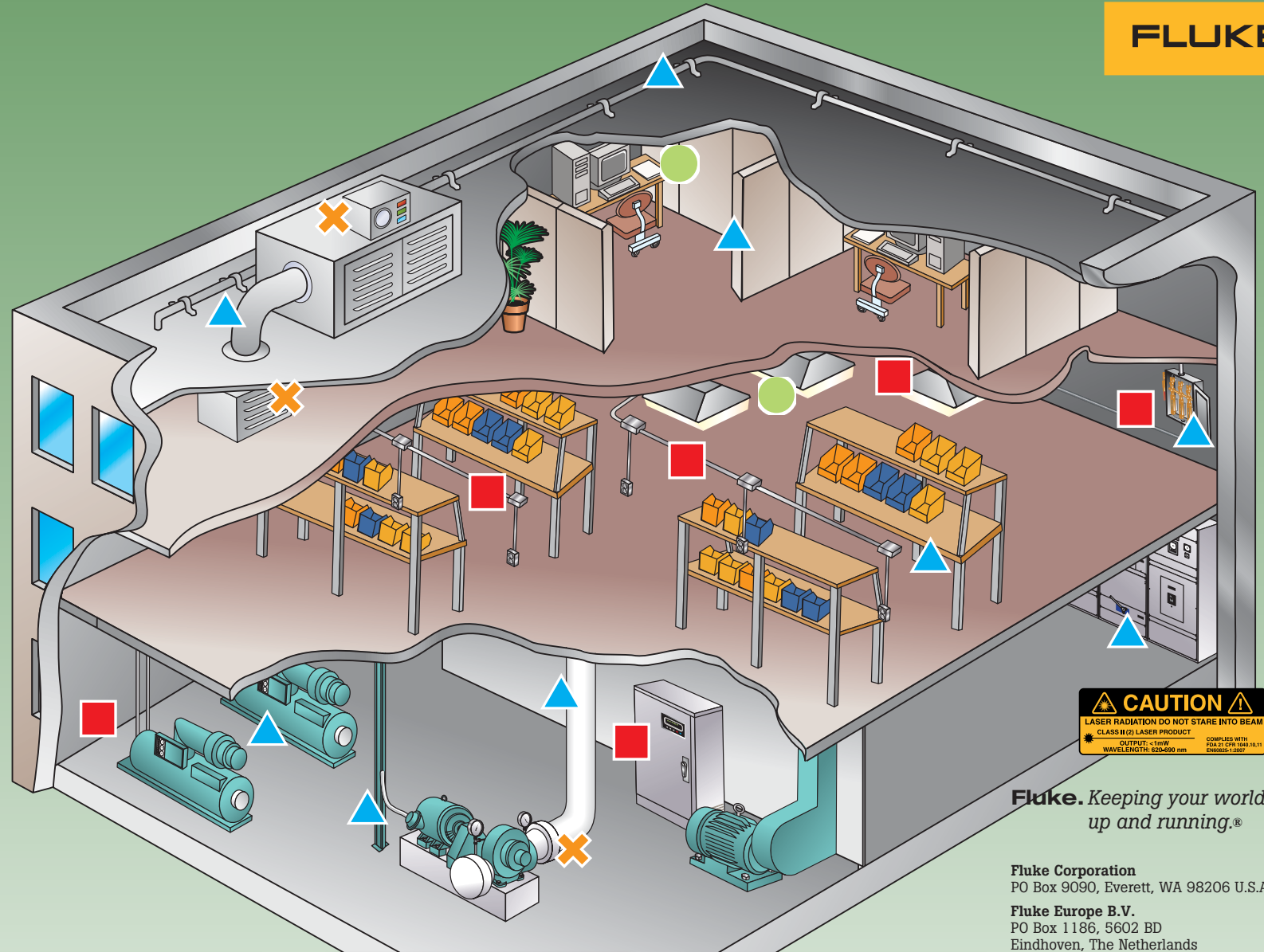
Hard-to-reach places



Long distances



Area and office layout



**Fluke. Keeping your world up and running.®**

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For more information visit:  
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