

Fluke 424D, 419D and 414D 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

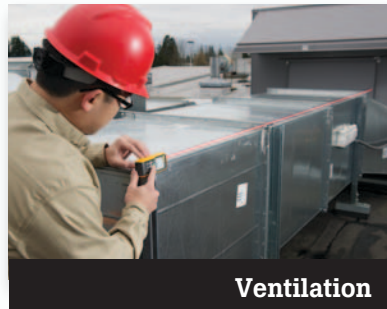
- Air ventilation and ducting
- Equipment position
- Air volume calculations
- Hot/Cold water piping
- Wire length
- Duct sizing

Tenant Space

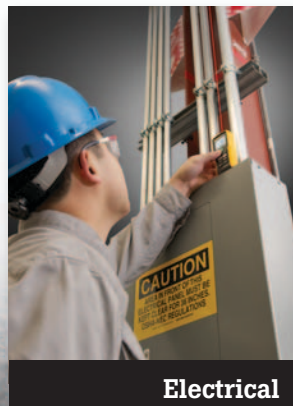
- Space layout
- Lighting spacing
- Floor plan layout
- Network room layout



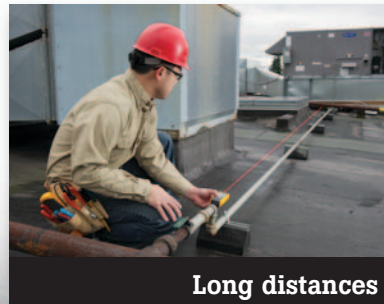
Equipment set up



Ventilation



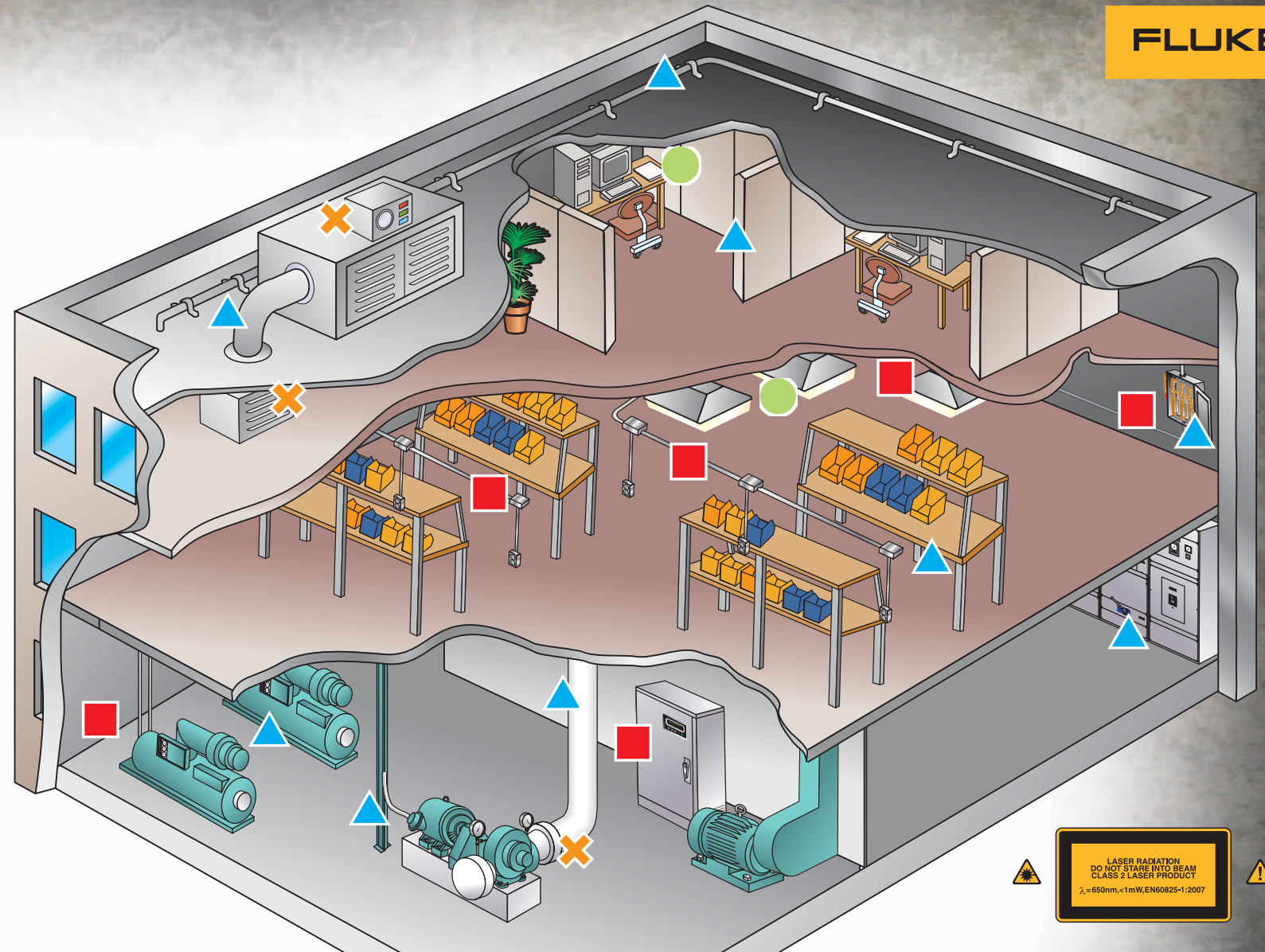
Electrical



Long distances



Network room layout



For more information visit:
www.fluke.com/distance

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A professional Fluke tool for laser distance measuring

Fluke 414D

Measure up to 50 m and reduce errors, save time, save money

Features of the 414D:

- Reduction of estimation errors, saving both time and money
- The most advanced laser technology for distance measurement
- Instant measurement with one-button operation
- Easy targeting with bright laser
- Quick calculation of area (square footage) and volume
- Easy addition and subtraction of measurements
- Improved battery life from automatic shut-off feature
- Pythagoras calculation for determining distance indirectly from two other measurements
- Pouch with Fluke logo
- Three-year warranty



Technical specifications

Range at Leica target plate GZM26	50 m (165 ft)
Measuring accuracy	± 2.0 mm (± 0.08 in)
Laser class	II
Automatic laser off/power off	90 seconds/180 seconds
Continuous measurement	Yes
Battery life	3000 measurements
Temperature range—operation	0 °C to +40 °C (32 °F to +104 °F)
Batteries	2 AAA

The advanced, professional-grade distance measuring tool

Fluke 419D

Instantly measure up to 80 m with many enhanced features

All the features of the 414D PLUS:

- Improved visibility with backlit screen
- Ability to measure up to 80m (260 ft)
- Enhanced Pythagoras calculation for determining distance indirectly from three other measurements
- Audible keypad feedback
- Storage of the last 20 measurements for quick recall of distance
- Strong environmental protection with IP54 (water spray and dust proof) sealing
- Tripod mode allows you to mount to a tripod for measuring long distances
- Stake Out function for marking out defined lengths



Technical specifications

Range at Leica target plate GZM26	80 m (260 ft)
Measuring accuracy	± 1.0 mm (± 0.4 in)
Laser class	II
Automatic laser off/power off	90 seconds/180 seconds
Continuous measurement	Yes
Battery life	5000 measurements
Temperature range—operation	-10 °C to +50 °C (14 °F to +122 °F)
Batteries	2 AAA

The ultimate Fluke laser distance meter

Fluke 424D

Feature-packed distance meters measure up to 100 m

All the features of the 414D and 419D PLUS:

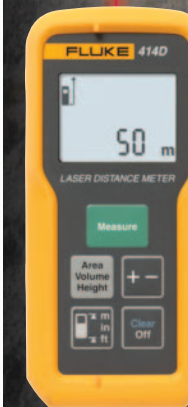
- Inclinometer for taking measurements in hard-to-reach areas
- Compass provides a “heading” for distance measurement
- Automated endpoint correction: when measuring from an edge or corner, a built-in sensor detects the position of this bracket and automatically changes the reference point
- Ability to measure up to 100 m (330 ft)



Technical specifications

Range at Leica target plate GZM26	100 m (330 ft)
Measuring accuracy	± 1.0 mm (± 0.04 in)
Laser class	II
Automatic laser off/power off	90 seconds/180 seconds
Continuous measurement	Yes
Battery life	5000 measurements
Temperature range—operation	-10 °C to +50 °C (14 °F to +122 °F)
Batteries	2 AAA

POINT, SHOOT, AND MEASURE DISTANCE
IT'S THAT EASY!



50 m
(165 ft)



80 m
(260 ft)



100 m
(330 ft)