

**FLUKE®**

# A TOOL-BELT ESSENTIAL

Introducing the next  
generation of Fluke  
laser distance meters

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Point, shoot and measure  
distance. It's that easy.






# The only laser distance meters rugged, reliable and accurate enough to be Fluke tools.

Now all types of users can reach beyond the limitations of the common tape measure to measure farther, with greater accuracy in more situations. And they can perform those measurements with the Fluke accuracy, durability and reliability that professionals trust. The new Fluke family of laser distance meters offers features and functions that are equal to or better than competitive laser meters at very competitive prices.

For Fluke enthusiasts, these new laser distance meters will be an essential new tool to complete their tool belt. For first-time Fluke users, especially younger professionals, they're a great introduction to the Fluke brand. They'll experience first-hand what makes Fluke tools the most trusted in the world.

## Who uses laser distance meters?

Fluke laser distance meters satisfy a large set of needs and applications across a broad end-user set.

	Building/Construction	Industrial/MIR	Professional Services
			
<b>Working environment</b>	<ul style="list-style-type: none"> <li>• Utilities, manufacturing facilities</li> <li>• Indoors / Outdoors</li> <li>• May be wet or damp</li> <li>• May be on catwalks, ladders or cement flooring</li> </ul>	<ul style="list-style-type: none"> <li>• Utilities, manufacturing facilities, office buildings</li> <li>• Mostly indoors</li> </ul>	<ul style="list-style-type: none"> <li>• Utilities, manufacturing facilities, office buildings, some residential</li> <li>• Inside and outside</li> </ul>
<b>Applications</b>	<ul style="list-style-type: none"> <li>• Ceiling tile layout</li> <li>• Vent and duct installation</li> <li>• Wire layout</li> <li>• Working distance from electrical lines</li> <li>• Electrical panel clearance</li> </ul>	<ul style="list-style-type: none"> <li>• Shop and cell layout</li> <li>• Machine clearance</li> <li>• Vent and duct installation</li> <li>• Insulation installation</li> </ul>	<ul style="list-style-type: none"> <li>• Office layout</li> <li>• Computer room layout</li> <li>• Warehouse layout and inventory clearance</li> <li>• Electrical panel clearance</li> </ul>

## Fluke Laser Distance Meters save customers time and money.

Here's why these new tools will become the next essential on your customers' tool belts.



- **Instant measurements up to 100 meters (330 feet).** Just point, click, done.
- **Measure with greater accuracy.** Up to  $\pm 1$  mm. No scales to interpret or misread.
- **Do the work of two.** Instead of holding the tape, your helper can do other jobs.
- **Speed up the job.** Easily measure hard-to-access areas, like high ceilings, without climbing a ladder.
- **Keep it on the level.** New inclination sensor on the Fluke 424D helps with leveling, height tracking, measuring accurately despite obstacles
- **Reduce estimating errors—let the meters do the math.** Find area and volume. Easily add and subtract distances. Use Pythagoras calculations for height.
- **Trust Fluke tools.** Rugged and reliable, dust- and splash-proof, you can work indoors and out with confidence because these meters are Fluke tools.

**New capabilities will grab attention. Three new models**

- **NEW compass:** provides a “heading” for distance measurement.
- **NEW inclination sensor:** assists with height tracking, leveling, and indirect horizontal distance measurements when the line-of-sight is blocked by an object or obstacle.
- **Automated endpiece correction:** when measuring from an edge or corner, a built-in sensor detects the position of this bracket and automatically changes the reference point.



Help your customer get the right fit for their applications and budget.

**Professional:**

**Fluke 414D Laser Distance Meter**

- Instantly measures up to 50 m (165 ft) with one button
- Laser accuracy of  $\pm 2$  mm (0.80 in)
- Easy, automatic math for area and volume, add and subtract with ease

**Advanced:**

**419D Laser Distance Meter**

- Instantly measures up to 80 m (260 feet) with even greater accuracy of  $\pm 1$  mm
- 3-line display plus storage for 20 complete displays
- Tripod mountable

**Ultimate:**

**424D Laser Distance Meter**

- The ultimate Fluke laser distance meter
- Measures up to 100 m (330 feet)
- Feature-rich meter includes tilt sensor for hard-to-reach measurements, corner angle feature, compass and more



**Compare the new models to our current models**

	Current	NEW	Current	NEW	Current	NEW
	411D	414D	416D	419D	421D	424D
Maximum measurement distance	30 m (100 ft)	50 m (165 ft)	60 m (200 ft)	80 m (260 ft)	100 m (330 ft)	100 m (330 ft)
Accuracy	$\pm 3$ mm ( $\pm 0.118$ in)	$\pm 2$ mm ( $\pm 0.08$ in)	$\pm 1.5$ mm ( $\pm 0.118$ in)	$\pm 1$ mm ( $\pm 0.04$ in)	$\pm 1.5$ mm ( $\pm 0.118$ in)	$\pm 1$ mm ( $\pm 0.04$ in)
Battery life (# of measurements)	3000	3000	5000	5000	5000	5000
Area measurement	•	•	•	•	•	•
Volume measurement	•	•	•	•	•	•
Pythagoras calculations	Simple	1+2	Full	Full	Full	Full
Plus and minus calculations	•	•	•	•	•	•
Measurement storage	—	5 results	10 readings	20 complete displays	20 readings	20 complete displays
Backlight	—	—	•	•	•	•
Minimum/maximum	—	Pyth - yes	•	•	•	•
Audible keypad feedback	—	—	•	•	•	•
Tripod mount	—	—	—	•	•	•
Corner angle measurement	—	—	—	—	•	•
Stake out	—	—	—	•	•	•
Dust and splash proof rating	IP40	IP40	IP54	IP54	IP54	IP54
NEW compass	—	—	—	—	—	•
NEW inclination sensor	—	—	—	—	—	•
Display	—	2 line	—	3 line	—	4 line
Automated endpiece correction	—	—	—	•	—	•
Warranty	Two-years	Three-years	Two-years	Three-years	Two-years	Three-years



## Ordering information

Model	Part number	UPC	Description	Single product package dimensions			Weight	Country of origin	US List Price
				Length	Width	Depth			
FLUKE-414D	4106830	0 95969 61355 2	Laser Distance Meter	116 mm	53 mm	33 mm	113 g	Hungary	\$125.00
FLUKE-419D	4106853	0 95969 61356 9	Laser Distance Meter	127 mm	56 mm	33 mm	153 g	Hungary	\$250.00
FLUKE-424D	4106866	0 95969 61357 6	Laser Distance Meter	127 mm	56 mm	33 mm	158 g	Hungary	\$375.00

## Marketing materials

Order materials today to further educate yourself and your staff on these exciting new products, and to promote laser distance meters to your customers. Materials are available on the Partner Portal or [www.fluke-launch.com](http://www.fluke-launch.com)

Item	Description	Format	Literature Number
Family brochure	Features, benefits and key for three products plus application examples	POD/PDF	3000273
Distributor brochure	Key features and benefits of new laser distance meters from Fluke	POD/PDF	4180105
Battlecard	Learn the top reasons why your customers will use Fluke laser distance meters	POD/PDF	4236251
Technical datasheet	Specification sheet along with features and benefits	POD/PDF	3028711
101 Applications app note	Applications for new laser distance meters explained	POD/PDF	3361276
POP display materials	Lets customers experience Fluke laser distance meters	Display	4138085
Web banners	Place web banners on your website	JPEG	4156190
HTML email	Send an email to your customers to let them know about the new laser distance meters	HTML	4156216
Demo video	Shows off the rugged reliability, accuracy and speed of the new laser distance meters	WMV	4180131



3000273



4180105



4236251



3028711



3361276



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4200274



4156216



4180131

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