

**FLUKE®**



The maintenance professionals who keep the world's mines, construction sites, ships and manufacturing plants running smoothly don't have the luxury to choose the environments where they work. It's their job to keep facilities up and running, regardless of how dusty, damp or dangerous the job site.

These technicians need tools as tough as they are: durable enough to keep working, whatever the job, the equipment or the weather throws their way. Now Fluke, known worldwide for the precision and durability of its hand held test tools, has introduced its toughest testers yet: the Fluke 27 II and 28 II digital multimeters (DMMs).

Engineered to meet international IP 67 standards for resistance to dust and water, tested to withstand a 10-foot drop and even capable of floating, these tools are designed to keep performing in the nastiest conditions. For details on their performance and capabilities see side bar on back.

## The new standard for rugged

### **Keep your facilities up and running**

In today's challenging economy it's more crucial than ever to keep facilities running, producing and creating value. Diagnosing problems early to head off major outages, and fixing them fast when they're discovered, is vital. Yet personnel and maintenance budgets may be limited by downsizing and cutbacks. The performance level that maintenance teams must meet is higher than ever.

Plant maintenance technicians play a central role. If they and their tools don't get the job done, an outage could idle hundreds of employees, halt equipment worth millions, and bring production and revenue to a dead stop—just when they are needed most.

So it's essential that maintenance teams have tools they can rely on—tools tough enough to survive the dust, water, falls and impacts common in industrial settings, and keep doing the job. Professionals must demand the same level of accuracy, performance and get-it-done reliability from their tools they expect from themselves. This is the job the ultra-durable Fluke 27 II and 28 II DMMs are designed and built to do.

### **Protect and preserve your tool investment**

In addition to being reliable and job-ready, the Fluke 27 II and 28 II DMMs can provide a financial payoff. They can survive dust, moisture and rough treatment that would send other tools in for repair—or kill them dead. Dropping a DMM off a ladder is not a rare occurrence. In some plants,





dust or water are everywhere. Test tools built to survive and keep performing in these conditions are a sound investment that just makes sense.

### Built for the toughest conditions

The Fluke 27 II and 28 II are ideal for a variety of challenging work environments. Here is just a partial list. Is your operation among them?

- Manufacturing plants, foundries
- Food processing and bottling plants
- Water and wastewater facilities
- Marine service and repair, offshore facilities
- Mining, drilling and materials extraction (MSHA approval pending)
- Heavy construction
- Military service
- Farming and agricultural production
- Outside testing in any weather

### Conclusion

The toughest Fluke multimeters are built to deliver a productivity advantage for you and your organization. In conditions that would kill ordinary test tools, these meters keep performing—to keep you and your operation looking good.

### A new standard for durability

- The new Fluke 27 II and 28 II digital multimeters define a new standard for operating in harsh conditions.
- Engineered to be waterproof, dustproof and impact-resistant, these ultra-tough tools keep their users productive in the most challenging jobsite conditions. Federal Mine Safety and Health Administration (MSHA) approval is pending.
- When enclosed in their protective yellow holsters, both meters will float in fresh or salt water. Holsters are reversible to protect the display and controls in storage. Both meters feature backlit keypad buttons, large display digits and display backlighting for easy visibility in low-lit areas.
- For safety, the Fluke 27 II and 28 II withstand hazardous 8,000 volt spikes and comply with second edition IEC and ANSI electrical safety standards. They are safety rated for use in CAT IV 600 V/CAT III 1000 V working environments.
- The Fluke 28 II provides additional functionality. It is a True-rms meter that features a high-resolution 20,000-count display mode and includes a built-in thermometer so users can take temperature readings without a separate instrument. It captures peak min/max and features a low-pass filter to ensure accurate voltage and frequency measurements on adjustable speed drives and other electrically noisy equipment.
- The Fluke 27 II is an average responding meter with extended ac voltage bandwidth to 30 kHz.
- Both meters have best in class 800 hour battery life.
- Made in the USA

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

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