TECHNICAL DATA

Fluke Apprentice Dual-Meter Kit



Key features

- AC/DC voltage, resistance, and capacitance measurements with the Fluke 106
- AC current measurements with 302+ up to 400 A, handling your everyday electrical maintenance needs
- Comes with the TL75 Hard Point™ Test Lead Set offering the convenience of a test lead and probe in one unit with a variety of connections
- Quick non-contact AC voltage detection with the Fluke 1AC II

Product overview: Fluke Apprentice Dual-Meter Kit

Two meters. Full jobsite flexibility. Faster diagnostics.

This kit equips electricians with both major diagnostic capabilities: fast current readings with a clamp meter and accurate AC/DC voltage measurements with a digital multimeter. Together, they provide the flexibility required for commercial and industrial environments where electrical systems are more complex and troubleshooting often demands measurements of both voltage and current.

Real world applications

- **Simultaneous insight for effective troubleshooting:** Most faults require seeing voltage and current together, and since one meter can't measure both simultaneously without jumping to power quality gear, using a clamp for current and a DMM for voltage gives electricians the complete picture.

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- **Accurate AC/DC voltage validation in Motors, HVAC, and controls:** Check running load and voltage stability to spot overloads, phase imbalance, failing components, or wiring faults.
- **Service and repair:** Use the clamp for load snapshots and the DMM for voltage, resistance, and continuity to isolate issues quickly.

Specifications: Fluke Apprentice Dual-Meter Kit

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	Student Essential Kit	Student Troubleshooting Kit	Apprentice Diagnostic Kit	Apprentice Dual-Meter Kit	Journeyman Diagnostic Kit
Included Tools	• 1AC II • ST120+	• 1AC II • ST120+ • 302+ • 302+	• 1AC II • ST120+ • 106 • TL75	• 1AC II • 302+ • 106 • TL75 (2X)	• 302+ • 17B+ • TL75 (2X) • K-Type Thermocouple
Part Number	6153363	6153407	6153392	6153385	6153371

	1AC II	ST120+	302+	106	17B+
CAT Safety Rating	CAT IV 1000 V	CAT III 300 V	CAT III 600 V	CAT III 600 V	CAT III 600 V
Warranty	2 years	2 years	2 years	2 years	2 years
Voltage AC	Detection 90 - 1000 V	Operating 110 - 125 V AC	600 V	600 V	1000 V
Voltage DC	—	—	600 V	600 V	1000 V
Current AC	—	—	400 A	10 A	10 A
Current DC	—	—	—	10 A	10 A
Continuity	—	—	•	•	•
Resistance	—	—	4000Ω	40 MΩ	40 MΩ
Capacitance	—	—	—	1000 µF	1000 µF
Temperature	—	—	—	—	max 400°C

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Ordering information



106/302+/1ACII/EIC

Fluke Dual-Meter Troubleshooting Kit for Apprentices

Part#: 6153385
UPC#: 195112170939

- 1AC II Non-Contact Voltage Tester
- 302+ CAT III Digital Clamp Meter
- 106 Palm-sized Digital Multimeter
- TL75 Hard Point™ Test Lead Set (2X)

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

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