

Manual Supplement

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|----------------|-----------------------------------|-------------|------|
| Manual Title: | 52120A Getting Started Supplement | Issue: | 3 |
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This supplement contains information necessary to ensure the accuracy of the above manual.

Change #1, 61183

On page 1, replace the third bullet with:

- Offer enhanced to 140 ppm when used in closed-loop mode with a 6105A Electrical Power Standard

On page 3, delete the 10th bullet:

On page 5, replace the How to Place and Rack Mount Product section with:

How to Place and Rack Mount the Product

Always operate the Product in controlled electromagnetic environments such as calibration and measurement laboratories. Where rf transmitters, like mobile telephones are not used.

This Product can be used on a bench-top or in a rack. The rack-mount kit must be ordered separately from Fluke. See the How to Contact Fluke section in this manual.

Note

There must be space on the sides of the Product for sufficient air flow.

On page 7, replace Table 3 with:

Table 3. Line Power Cord Types Available from Fluke

| Country | Fluke Part Number |
|------------------------|-------------------|
| UK | 1998167 |
| Europe | 1998171 |
| Australia, New Zealand | 1998198 |
| China | 4121791 |
| USA, Japan | 1998209 |
| Brazil | 3841358 |
| Other (no plug fitted) | 1998211 |

On page 7, delete Figure 1.

On page 12, under **Product Connection Cables** replace the paragraph with:

Five signal cables are shipped with the Product. All are rated for 600 V. Two interchangeable low current cables, with 4 mm plugs, are used on the Product inputs or on the 2A or 20A outputs. Three heavy-duty cables, with 6 mm plugs, are used only on the 120A outputs. The short black cable loops Hi and Lo output terminals for clamp meter tests to a maximum of 120 A. The long red and black cables connect the high current outputs of the Product to the load.

To prevent an accidental disconnect, the heavy-duty cables have snap-in connectors. To operate the snap-in feature, push the connector in to the socket until the rubber insulation touches the Product and you hear a soft click. This locks the connector in the socket. To remove the connector, push in fully, then remove it. To bypass the snap-in mechanism, push the connector fully in to the socket. It is not necessary to push in on the connector to remove it when the snap-in mechanism is bypassed.

On page 15, following the **Caution** add:

Replaceable Parts

Table 9 is a list of replaceable parts. To order parts, see the How to Contact Fluke on page 1.

Table 9. Replaceable Parts


| Part | Fluke Part No. |
|---|----------------|
| Rear Interconnect Cable | 4101345 |
| 52120A-4412 Cable, High Current 52120A (set of three) | 4101350 |
| Lead Kit, 52120A Volt/Current (set of two) | 4044919 |

On page 15 under **General Specifications** replace **Indoor use only** with:

Indoor use onlyPollution degree 2

Change #2, 64263, 470, 471

On page 1-5, add the following to the **Symbols** table:

| | |
|---|--|
|  | Conforms to relevant South Korean EMC Standards. |
|---|--|

On page 1-16, remove **Transient overvoltage, Shock and Vibration, Electromagnetic Environment, Electromagnetic Compatibility, Indoor use only, and Agency Approvals** and replace with:

Safety 61010-1, Overvoltage II, Pollution Degree 2

Electromagnetic Compatibility (EMC)

International IEC 61326-1: Industrial Electromagnetic Environment

CISPR 11: Group 1, Class A

Group 1: Equipment has intentionally generated and/or uses conductively-coupled radio frequency energy that is necessary for the internal function of the equipment itself.

Class A: Equipment is suitable for use in all establishments other than domestic and those directly connected to a low-voltage power supply network that supplies buildings used for domestic purposes. There may be potential difficulties in ensuring electromagnetic compatibility in other environments due to conducted and radiated disturbances.

Emissions that exceed the levels required by CISPR 11 can occur when the equipment is connected to a test object.

Korea (KCC) Class A Equipment (Industrial Broadcasting & Communication Equipment)

Class A: Equipment meets requirements for industrial electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and not to be used in homes.

USA (FCC)..... 47 CFR 15 subpart B. This product is considered an exempt device per clause 15.103.

Intrusion Protection IEC60529: IP20 Indoor use only.