

# New Product Announcement

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## Fluke 1664FC and Beha-Amprobe Test Adapter Kits for Electric Vehicle Charging Stations

Fluke and Beha-Amprobe introduce a range of installation/adaptor kits that provide access to the socket-outlets of vehicle charging stations to perform safety and functional tests, while simulating the presence of an electrical vehicle as required to be able to measure outputs.

With the Electric Vehicle charging station kit, the charging stations can be tested in accordance with IEC/EN 61851-1 and IEC/HD 60364-7-722.



### Benefits

- Total solution for EV Charging Station testing in accordance with IEC regulation
- Attractive bundle pricing versus separate unit buying
- Multiple product versions available to accommodate country specific (mains outlet socket) requirements.

The market for EV charging stations is growing rapidly. By introducing Installation Tester/Adapter kits Fluke offers a solution for testing Electric Vehicle Charging Stations.

With the Adapter Kit, the charging stations can be tested in accordance with IEC/EN 61851-1 and IEC/HD 60364-7-722.

Fluke has developed multiple product versions, to accommodate country specific (mains outlet socket) requirements. Each of the kits includes a region-specific test adapter as well as an EVC-20 test cable with connector for charging stations type 2 (most common used but Type 1-EVC-13 is also available separately). This connector combines both “socket outlet” as well as “fixed cable with vehicle connector” options in one, which is more universal and easy to use compared to other solutions available in market currently

The adapters are also available as stand-alone units and included in kits with ProInstall Installation Testers.

## Availability

- The system will be open for orders per 3<sup>rd</sup> September, 2019 with an SLT of 3 weeks

## Primary Channels

All Fluke channels

## Product models and pricing

ITEM NUMBER	MODEL	DESCRIPTION	EUR	CHF	NOK	SEK	DKK	GBP
<b>NEW BUNDLE KITS:</b>								
5105287	1664 SCH-EV KIT	FLUKE FLK-1664FC SCH + BEHA-AMPROBE EV-520-D	2199.00		20248.00	20986.00	16171.00	1839.00
5105293	1664 DE-EV KIT	FLUKE FLK-1664FC DE + BEHA-AMPROBE EV-520-D	2199.00	2588.00				
5105302	1664 CH-EV KIT	FLUKE FLK-1664FC CH + BEHA-AMPROBE EV-520-CH	2199.00	2588.00				
5105316	1664 UK-EV KIT	FLUKE FLK-1664FC UK + BEHA-AMPROBE EV-520-UK	2199.00					1839.00
5105325	1664 TypeE-EV KIT	FLUKE FLK-1664FC SCH + BEHA-AMPROBE EV-520-F	2199.00					
5105333	1664 ITDK-EV KIT	FLUKE FLK-1664FC ITDK + BEHA-AMPROBE EV-520-D	2199.00				16171.00	

The kits can be sold in the following countries:

ITEM NUMBER	MODEL	DESCRIPTION	REGIONAL MARKETS (FOR SALE IN COUNTRIES LISTED)
5105287	1664 SCH-EV KIT	FLUKE FLK-1664FC SCH + BEHA-AMPROBE EV-520-D	EU28, excl Germany, Austria, Swiss, UK, IRE, FR, BE, POL, SVK, CZ, IT, DK
5105293	1664 DE-EV KIT	FLUKE FLK-1664FC DE + BEHA-AMPROBE EV-520-D	Germany, Austria
5105302	1664 CH-EV KIT	FLUKE FLK-1664FC CH + BEHA-AMPROBE EV-520-CH	Switzerland
5105316	1664 UK-EV KIT	FLUKE FLK-1664FC UK + BEHA-AMPROBE EV-520-UK	UK, IRE
5105325	1664 TypeE-EV KIT	FLUKE FLK-1664FC SCH + BEHA-AMPROBE EV-520-F	FR, BE, POL, SVK, CZ
5105333	1664 ITDK-EV KIT	FLUKE FLK-1664FC ITDK + BEHA-AMPROBE EV-520-D	IT, DK

(More ordering information can be found in the attached loadsheet)

**These kits will not be promotional kits but standard kits**

### Appendix

1. Main features & functions
2. Target Audience
3. Launch assets & Marketing Communications

**Appendix 1**

**Main features & functions (adapter)**

- Suitable to vehicle charging stations with charging mode 3
- EV-Connectors for type 2 and type 1
- PE Pre-Test
- Proximity Pilot (PP) state “Cable simulation”
- Control Pilot (CP) state “Vehicle Simulation”
- Separate phase indication by three LED lamps
- Measuring terminals L1, L2, L3, N and PE
- Mains socket offering the possibility to connect an external load
- Simulation of CP error “E”
- Simulation of PE error (Earth fault)
- Terminals for CP signal output to check communication between adapter and charging stations

**Appendix 2**

Target Audience

Product	What are they used for?
• All kits	• Safety testing of charging stations
	• Functional testing of charging stations
	• Trouble shooting/repair of charging stations

Our primary customers are:

- Electricians
- Electrical utilities
- EV maintenance companies

### **Appendix 3**

#### Launch assets & Marketing Communications

These marketing assets will be available in the languages and are available on Partner Portal:

<b>Asset</b>	<b>Translated languages</b>
Datasheets (MFT and adapter separately)	DE, EN, SV, NO, PL, NL, ES, IT, FR, FI
Video Commercial video Technical highlight video	CS, DA, DE, EN, ES, FI, FR, IT, NL, PL, SV
Battlecard EV-500	EN
App note EV-500	CS, DA, DE, EN, ES, FI, FR, IT, NL, PL, SV
Fluke.Com PCAT Pages for all new products	Up-date in Sept