

# Product information

## CP All-in-One iCorrLog



When it comes to maintenance of CP systems, it involves a variety of measurement techniques - routine maintenance measurements, intensive measurements, soil resistance determination, precise measurement in micro volts, stray current surveys and AC interference measurement - with or without data logging. CP engineers and technicians carry a multitude of measurement devices with specific capabilities to carry out these surveys. Often, the drawers and tool boxes in the vehicle are filled with equipment, such instruments incur a definite cost to the company and demand further investments. At Steffel, being a CP service provider, we are aware of these difficulties through decades of experience in field. We have a solution to this disadvantage with the new universal CP meter - iCorrLog.

Also a part of our compact all-rounder:  
AC soil resistance measurements.

### The CP All-in-One Highlights

- 4 channel CP-multimeter (AC+DC in parallel) with FFT-analysis
- 2kHz resolving 8-track CP datalogger
- routine maintenance measurements
- stray current monitoring & measurement
- intensive measurements (CIPS / DCVG)
- synchronous mobile clocking
- microvoltmeter
- AC soil resistance measurement
- barrier-free operation via smartphone or tablet app
- IP67

From the user - for the user.



Field operation as a 4-channel multimeter, measuring via central connector.



Convenient: An integrated button for measured value capture at the optional CIPS electrode holder. Operation via smartphone (wrist support, see right) or via tablet (see above).

# Product information

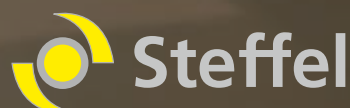
## CP All-in-One iCorrLog

### Technical Data

- 4 floating measuring channels (each DC + AC)
- channel 1-3 switchable  $\pm 150V$ ,  $\pm 15V$ ,  $\pm 5V$ , impedance  $30M\Omega$
- channel 4 switchable  $\pm 1,5V$ ,  $\pm 300mV$ ,  $\pm 15mV$  impedance  $440k\Omega$  (optional  $1500mA$  | impedance  $< 0,5\Omega$ )
- resolution in  $\pm 15mV$  range:  $1\mu V$   
resolution in  $\pm 150V$  range:  $1mV$
- sampling rate max.  $2kHz$
- 16GB / 32GB memory
- time synchronization via Smartphone or GPS
- Battery operating time while 8 track recording with  $2kHz$ : min. 24h
- Internal, free parameterizable clocking relay: 1A (expandable by accessory)
- Measurements: housing:  $117mm \times 66mm$   
battery:  $79mm \times 66mm$
- operating temperature:  $+50$  bis  $-20^{\circ}C$
- IP 67
- optional enhancements are available: e.g. CIPS/DCVG electrode holder with button
- optional incl. iPhone® or iPad mini®

### Additional Features

With every data entry, simultaneously high-resolution raw data is also recorded. For example during CIPS measurements. The raw data can be downloaded optionally, to be analysed e.g. for influencing frequencies. Wireless operation via a corresponding app for your smartphone or tablet. Comfortable evaluation and export functions with our PC software. (Saving, freely configurable chart views, exports to other popular formats)



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