



pH/mV/ °C meters, Docu-pH

04



NEW **2yr**

Docu-pH Meter (Models Docu-pH+ and Docu-pH)

- ▶ **Graphic display and soft keys for intuitive user guidance by plain language prompts**
- ▶ **Automatic temperature compensation, buffer recognition as well as recognition of various temperature sensors (NTC 10kΩ, NTC 30kΩ, Pt-1000)**
- ▶ **Improved calibration routines support optimum procedural sequences in the laboratory**
- ▶ **Automatic recognition of electrodes with DocuClip® for unambiguous allocation of calibration data**

Model Docu-pH+ only

- ▶ **Calibration reminder**
- ▶ **Memory for up to 500 data records**
- ▶ **Data transfer over RS232 to printer or PC**
- ▶ **Automatic recognition of electrodes with DocuClip® for unambiguous allocation of calibration data and complete documentation**

100% traceable documentation of results, as required by GLP and ISO 17025, is indispensable, particularly in the chemical and pharmaceutical industries.

DocuClip® is a unique device that makes an electrode uniquely identifiable. Equipped with built-in memory for calibration data, DocuClip® works together with the Sartorius Docu-pH meter to store essential electrode specifications over its entire service life. In addition to the model name and the individual serial number, DocuClip® stores all key data of initial calibration. Moreover, data from the four most recent calibrations is always available for the entire service life of the electrode. Docu-pH meter deletes older data when necessary to make room for the latest calibration reports. Therefore, you can view the history of an electrode at any time. This gives you a ready overview of the electrode quality.

The electrode calibration data stored in the permanently attached DocuClip® gives you complete confidence. Documentation of calibration data and unambiguous allocation are fully automatic, making electronic recording both easy and reliable.

Technical Specification

Measuring range:	
Voltage, mV	-2,000 to +2,000
pH	-2.000 to +20.000
Temperature, °C	-5 to 105
Readability:	
Voltage, mV	0.1 1 configurable
pH	0.1 0.01 0.001 configurable
Temperature, K	0.1
Accuracy:	
Voltage, mV	±0.2 1,000
pH	±0.005
Temperature, K	±0.2

Fisherbrand pH electrodes, pages 958 - 959

pH electrodes, pages 998 - 999

Catalogue No	Description
PHL-595-010P	Docu-pH+ meter plus electrode arm, power supply and operating instructions
PHL-595-020M	Docu-pH+/P10doc with PY-P10doc electrode (plastic body, fibre junction, refillable, NTC 10kΩ with DocuClip installed, initialised and calibrated)
PHL-595-030J	Docu-pH+/P10 with PY-P10 electrode
PHL-595-040G	Docu-pH+/P11doc with PY-P11doc electrode (glass body, platinum junction, refillable, NTC 10kΩ with DocuClip® installed, initialised and calibrated)
PHL-595-050D	Docu-pH+/P11 with PY-P11 electrode
PHL-595-060A	Docu-pH+/P12doc with PY-P12doc electrode (plastic body, fibre junction, gel-filled, NTC 10kΩ with DocuClip® installed, initialised and calibrated)
PHL-595-070U	Docu-pH+/P12 with PY-P12 electrode
PHL-595-080R	Docu-pH+/P20doc with PY-P20doc electrode (plastic body, fibre junction, gel-filled) with DocuClip® installed, initialised and calibrated
PHL-595-090X	Docu-pH+/P20 with PY-P20 electrode
PHL-595-100X	Docu-pH+/P21doc with PY-P21doc electrode (glass body, platinum junction, refillable) with DocuClip® installed, initialised and calibrated
PHL-595-110L	Docu-pH+/P21 with PY-P21doc electrode
PHL-595-120Y	Docu-pH meter plus electrode arm, power supply and operating instructions
PHL-595-130F	Docu-pH/P10doc with PY-P10doc electrode (plastic body, fibre junction, refillable, NTC 10kΩ with DocuClip® installed, initialised and calibrated)
PHL-595-140C	Docu-pH/P10 with PY-P10 electrode
PHL-595-150W	Docu-pH/P12doc with PY-P12doc electrode (plastic body, fibre junction, gel-filled, NTC 10kΩ with DocuClip® installed, initialised and calibrated)
PHL-595-160T	Docu-pH/P12 with PY-P12 electrode
PHL-595-170Q	Docu-pH/P20doc with PY-P20doc electrode (plastic body, fibre junction, gel-filled) with DocuClip® installed, initialised and calibrated
PHL-595-180N	Docu-pH/P20 with PY-P20 electrode
Accessories and spares	
PHL-595-500V	DocuClip® makes any electrode uniquely identifiable
PHL-595-505L	YDPO5-pH Printer