

pH meters, portable, Thermo Scientific Orion Star series

04 Thermo  
SCIENTIFIC

NEW 3 yr

Technical Specification - General

pH

Range, pH -2.000 to 19.999

Resolution, pH 0.1/0.01/0.001

Accuracy, pH  $\pm 0.002$

ISE

Range, ISE 0 to 19,900

Units M, mg/L, %, ppb or no units

Resolution, ISE 1, 2, or 3 significant digits

Accuracy, ISE  $\pm 0.2\text{mV}$  or 0.05%, whichever is greater

mV/RmV  $\pm 1,999.9$

DO<sub>2</sub>

Concentration, mg/L 0.00 to 90.00

Relative accuracy, mg/L 0.2

% Saturation 0.0 to 600

Salinity factor, ppt 0 to 45

Barometric pressure, mmHg 450 to 50

Conductivity

Range 0.000 to 3,000mS/cm, auto resolution with cell constant dependence

Resistivity, M $\Omega$  0.0001 to 100

Salinity, ppt 0.01 to 80.0 NaCl equivalent

TDS 0 to 19,999

Reference temperature, °C 15, 20 or 25 (default), autoranging

Cell constant 0.001 to 199.9

ORP

mV/RmV/EH range  $\pm 1999.9$

Resolution  $\pm 0.1$

Relative accuracy  $\pm 0.2\text{mV}$  or 0.05%, whichever is greater

Temperature range, °C -5 to 105

Electrical supply 4 x 1.5V AA batteries (supplied)

Meter only

Catalogue No	Description
PHK-615-010E	3-Star pH portable meter
PHK-615-020B	4-Star pH/ISE portable meter
PHK-615-050P	5-Star multi-parameter meter

Kit

Catalogue No	Description
PHK-581-050V	3 star pH meter kit, portable

Accessories

Catalogue No	Description
PHK-615-510H	Ross Ultra® combination electrode with glass body
PHK-615-500K	Orion Triode™ pH/ATC electrode (for all models, except multi-parameter)
PHK-620-505A	Dissolved oxygen probe with 3m cable for pH/DO, and multi-parameter models
PHK-620-510H	Conductivity probe with 1.5m cable for pH/conductivity and multi-parameter models
PHJ-700-010U	pH4.01 buffer solution, 475mL
PHJ-700-020R	pH7.00 buffer solution, 475mL
PHJ-700-030X	pH10.01 buffer solution, 475mL
BMT-680-050T	Battery, alkaline, 1.5V, AA
PHK-615-515U	Automatic temperature compensation probe
PHK-535-565W	pH electrode storage solution, 475mL

