

TMS, MEASURE SYSTEMS

TMS pH ELECTRODES

- Type **201** Combination pH Electrode with unbreakable plastic body
general purpose, pH range 0 – 14 pH, Temperature range 0 – 80°C
- Type **2011** Combination pH Electrode with double junction reference, plastic body
Measuring the pH of samples that contain sulfides and heavy metals,
pH range 0 - 14 pH, Temperature range 0 - 80°C
- Type **202** Combination pH Electrode with glass body
general purpose, pH range 0 - 14 pH, Temperature range 0 – 90°C
- Type **222** Combination pH Semimicro Electrode, glass body
Small samples, pH range 0 - 13 pH, Temperature range 5 - 80°C
- Type **203** Combination pH Electrode spear tip, glass body, for piercing soft or semi-solid
samples /meats, cheeses, fruits, agar plates.../,
pH range 0 - 13 pH, Temperature range 0 – 80°C
- Type **204** Combination pH Electrode with replaceable junction, unbreakable plastic body
general purpose, viscous and dirty samples /semi-solids, oils, suspended solids.../
pH range 0 - 14 pH, Temperature range 0 - 80°C
- Type **205** Combination pH Electrode with replaceable junction, unbreakable plastic body
general purpose, viscous and dirty samples, pH range 0 - 14 pH, 0 - 80°C
- Type **206** Combination pH Electrode sterilizable
glass body, pH range 0 - 14 pH, Temperature range 0 - 110°C
- Type **207** Combination pH Electrode flat surface, unbreakable plastic body
flat measurement surface, pH range 0 - 13 pH, 5 - 80°C
- Type **208** Combination pH Electrode with Built-in Temperature Sensor
unbreakable plastic body, general purpose, 0 – 14 pH, 0 - 80°C
- Type **233** Combination pH/ORP Electrode, unbreakable plastic body
- Type **238** Combination pH/ORP/ATC Electrode, plastic body,
pH range 0 – 14 pH, Temperature range 0 - 80°C
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- Type **101** Single pH Electrode with glass body
pH range 0 – 14 pH, Temperature range 0 - 90°C
- Type **102** Single pH Electrode with unbreakable plastic body
pH range 0 – 14 pH, Temperature range 0 - 80°C
- Type **801** Combination Antimony Electrode, plastic body
designed for solutions containing hydrofluoric acid, pH range 0 – 11 pH, 0° – 80°C
- Type **901** Combination pH Electrode TMS-Checker, plastic body
replaceable electrode for pocket-size pH meter TMS-Checker, hand-held pH meter
Compact 1100, pH range 0 – 14 pH, 0° – 80°C

REFERENCE ELECTRODES

- Type **501** Reference Ag/AgCl Electrode
glass body
- Type **502** Reference Ag/AgCl Electrode double junction
glass body

ORP ELECTRODES

Measure oxidation-reduction levels in plating baths, swimming pools, wastewater monitoring,...

Type **301** Combination ORP Electrode
plastic body

Type **302** Combination ORP Electrode
glass body

CONDUCTIVITY CELLS

Type 601 Conductivity Cell
Two-electrode/platinum/ cell for laboratory, plant and field applications,
plastic body, ideal for routine measurement of conductivity

Type 602 Conductivity Cell
Two-electrode/platinum/ cell for laboratory, plant and field applications,
glass body

Type 611 Conductivity Cell Built-in Temperature Sensor
2-electrode/platinum/ cell, temperature compensated, field, plant and laboratory
applications, plastic body

Type 612 Conductivity Cell Built-in Temperature Sensor
2-electrode/platinum/ cell, temperature compensated, field, plant and laboratory
applications, glass body

pH METERS, pH/mV METERS

Type 900 TMS-Checker Pocket-size pH Meter
Resolution 0,01 pH, Relative accuracy $\pm 0,05$ pH, Two points calibration, Operating
temperature 0° - 50°C, pH Range 0 – 14 pH, replaceable electrode type 901,
Battery life /2x1,4 V/ 3000 hours, Easy of operation

Type 1100 Hand Held pH Meter
Resolution 0,01 pH, Relative accuracy min. $\pm 0,05$ pH, 2-point calibration
9 V battery

Type CPH 51 Portable pH/mV Meter
Resolution 0,01 pH, Relative accuracy $\pm 0,01$ pH
9 v battery

Type CPH 52 Portable pH/mV Meter
Resolution 0,01 pH, Relative accuracy $\pm 0,01$ pH
9 V battery

Type 1100/SET pH Meter 1100, Combination pH electrode 201
Buffer solutions 4,01 and 9,18 pH, pH range 0 – 14 pH

Type 1210/SET pH Meter 1210, Hand-regulation temperature compensation 0 - 60°C,
Combination pH Electrode 201, Buffer solutions 4,01 and 7,00 pH,
pH range 0 – 14 pH

Type 1220/SET pH Meter 1220, Automatic temperature compensation 0 - 80°C,
Combination pH/ATC electrode 208, Buffer solutions 4,01 and 7,00 pH,
Resolution 0,01 pH, Accuracy $\pm(0,01 \text{ pH} + 1 \text{ digit})$, pH range 0 – 14 pH

Type CPH 51/SET pH/mV Meter CPH 51, Combination pH electrode 201,
Buffer solutions 4,01 + 6,87 + 9,18 pH

Type CPH 52/SET pH/mV Meter CPH 52, Combination pH electrode 201,
Buffer solutions 4,01 + 6,87 + 9,18 pH

ORP METERS

Type 2100/SET Hand Held ORP Meter 2100, Combination ORP electrode 301,
Range 0 ±1999 mV, Resolution 1 mV, Accuracy ±(0,1% + 1 digit)

CONDUCTIVITY METERS

Type 3100/SET Hand Held Conductivity Meter

Conductivity cell 601, Range/**3100A**/ 0 – 1999 µS, Range/**3100B**/ 0 – 199,9 µS
Resolution/**3100A**/ 1 µS, Resolution/**3100B**/ 0,1 µS, Temperature range 0 – 50°C

Type 3120/SET Hand Held Conductivity Meter/Automatic temperature compensation

0 - 50°C/, Conductivity cell 611, Range/**3120A**/ 0 – 1999 µS, Range/**3120B**/ 0 – 199,9 µS, Range/**3120C**/ 0 – 19,99 mS; Resolution/**3120A**/ 1µS,
Resolution/**3120B**/ 0,1 µS, Resolution/**3120C**/ 10 µS

BUFFER SOLUTIONS TMS

	PE Bottle 100 ml	PE Bottle 250 ml	PE Bottle 1000 ml
pH 1,00/25° C	“	“	“
pH 1,68/25° C			
pH 2,00/25° C			
pH 3,00/25° C			
pH 4,01/25° C			
pH 5,00/25° C			
pH 6,00/25° C			
pH 7,00/25° C			
pH 8,00/25° C			
pH 9,00/25° C			
pH 9,18/25° C			
pH 10,01/25° C			
pH 11,00/25° C			
pH Storage Solution	“	“	“
pH Electrode Cleaning Solution		“	“
pH Electrode Filling Solution /3M KCl saturated with Ag/		“	“
ORP Standard Solution +220 mV/25°C		“	“

TMS CONDUCTIVITY SOLUTIONS

	PE100 ml	PE 250ml	PE 1000 ml
Conductivity Standard 11,67 mS.cm ⁻¹ /20° C			
Conductivity Standard 2501,0 µS.cm ⁻¹ /20° C	“	“	“
Conductivity Standard 1278,0 µS.cm ⁻¹ /20° C			
Conductivity Standard 133,2 µS.cm ⁻¹ /20° C			