

pH measurement for water and waste water treatment

pH measuring system with flow-through housing for mounting in pipes

1 piece

pH/Redox Controller

microprocessor based controller for pH/redox- and temperature measurement, isolated inputs, electromagnetic compatibility to 89/336/EWG; EN 61326

measuring ranges: pH -1 ...14 or -1999 ... 1999 mV; -50 ... 250 °C;

corrosion and weather resistant enclosure with protection standard IP 65 (suitable for wall mounting and with additional accessories for post mounting); power 110 ... 240 V AC; 48 ... 63 Hz or 20 ... 53 V AC/DC; about 8 VA;

permissible ambient temperature -10°C ... 55°C; automatic temperature compensation; integrated calibration functions; 2 x 4 digits LED display for simultaneous pH/redox and temperature; 2 analog outputs 0(4) ... 20 mA for pH/redox and temperature; measuring span free scaleable; 2 floating control relay outputs, 250 V AC,

Type: MU 2000-I

1 piece

Flow-Through Housing

bevel seat flow-through housing for insertion of one pH combination electrode with built- in temperature probe, 1 port PG 13.5; application in pipes by means of DN 20 glue port (other ports available on request like hose connection or screw connection); material PVC; max. pressure 5 bar (40°C); max. temperature 50°C

Type: AD 92

1 piece

pH Combination Electrode with built – in temperature probe

glass stem ø 12 mm, immersion length 120 mm, ring-shaped sleeve junction, zero point pH=7, gel-filled (non refillable), low maintenance electrode, built-in temperature probe Pt 1000, Multipin PG 13.5 threaded SixPlug plug head; pH-range 0 ... 14; temperature range -5 ... 80°C, max. pressure 6 bar

Type: EGA 143 SMEK

1 piece

Measuring Cable

low-noise triaxial cable for connection between pH controller and pH combination electrode with built-in temperature probe; SixPlug plug head cable socket (protection standard IP 67)/other side stripped tinned ends for connection with controller, cable ø about 5 mm; standard length 5 m;

Type: K 54/5

1 piece

Accessories and Replacement Parts

triple – set NBS – Standard Buffer Solution 1000 ml pH 4.01; pH 6.87; pH 9.18 (pH value 25°C), 250 ml cleaning solution, re-conditioning solution and filling/storage solution 3 Mol KCl

Type: NBS-Standard Buffer Solutions and Maintenance Kit pH