

Redox potential (ORP) measurement for sewage, raw and waste water treatment

On-line redox potential (ORP) measuring system with column stand and protective roof incl. immersion housing for mounting in channels or open containers

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; 1 analog output 0(4) ... 20 mA for pH/redox; measuring span free scaleable; 2 floating control relay outputs, 250 V AC,

Type: MU 2000

1 piece

Column Stand with Protective Roof

column stand and protective roof for outdoor application of the pH/Redox Controller incl. all accessories for mounting; column stand with base plate, length 1,800 mm, material stainless steel 1.4571

Type: STWD 24

1 piece

Immersion Housing

immersion housing with 1 sensor port PG 13.5 for redox/ORP combination electrode; cable sealing by cable gland, application in open channels by means of wall mounting and in closed containers by means of fasten flange, material PVC, shaft diameter 40 mm; shaft length 1,000 mm, max. temperature 50°C;

Type: ET 32-110

1 piece

Redox/ORP Combination Electrode

glass stem \varnothing 12 mm, immersion length 120 mm, ring-shaped sleeve junction, platinum disk \varnothing 6 mm; reference system Ag/AgCl, 3 mol/l KCl, gel-filled (non refillable), low maintenance electrode, Euro-Standard PG 13.5 threaded plug head S7-system; temperature range -5 ... 80°C, max. pressure 6 bar

Type: EMC 173 I

1 piece

Measuring Cable

low-noise coaxial measuring cable for connection between pH/redox Controller and redox/ORP combination electrode; S7 plug head connector (protection standard IP 65)/second side stripped tinned ends for connection with Controller, cable \varnothing about 5 mm; standard length 10 m;

Type: K 43/10

1 piece

Accessories and Replacement Parts

250 ml redox buffer solution $U_H = 427$ mV, pH=7 (25°C), 250 ml storage solution 3 Mol KCl

**Type: Redox Buffer Solution $U_H = 427$ mV, pH=7
250 ml Storage Solution 3 Mol KCl**