



Combination ORP sensor with PT1000, ¾" convertible, PPS

Product #:	RC1R5N
ZAR Price:	Contact Hach
Ships within 3-5 weeks	

Analogue ORP sensor, can be used as a flow-through or built-in immersion probe. Suitable for highly aggressive processes requiring more frequent replacement. Easily cleaned flat glass electrode available.

PPS, convertible body style, 4.5 m analog cable, platinum electrode, no temperature compensation

Low Price-Great Performance

These combination sensors are designed for specialty applications for immersion or in-line mounting. The reference cell features a double-junction design for extended service life, and a built-in solution ground. The body is molded from chemically-resistant PPS or PVDF, and the reference junction is coaxial porous PTFE. All sensors are rated 0 to 105 °C up to 100 psig, and have integral 4.5 m (15 ft.) cables with tinned leads. The PC-series (for pH) and RCseries (for ORP) combination sensors are ideal for measuring mild and aggressive media.

Special Electrode Configurations

Sensors with rugged dome electrodes, “easy-to-clean” flat glass electrodes, and even HF (hydrofluoric acid) resistant glass electrodes are available for a wide variety of process solutions.

Temperature Compensation Element Option

The PC-series combination pH sensors are available with or without a Pt 1000 ohm RTD temperature element. The RC-series combination ORP sensors are supplied without a temperature element.

Versatile Mounting Styles

Sensors are available in three mounting styles—convertible, insertion, and sanitary.

Full-Featured Plug and Play with Hach Digital SC Controllers

There are no complicated wiring or set up procedures with any Hach SC controller. Just plug in any combination of Hach digital sensors and it's ready to use—it's “plug and play.” One or multiple sensors- the SC controller family allows you to receive data from up to eight Hach digital sensors in any combination using a single controller.

Specifications

Accuracy:	± 20 mV limited to calibration solution accuracy
Body material:	PPS
Cable Length:	4.5 m integral coaxial cable terminated with stripped and tinned wires
Diameter:	33 mm
Electrode Type:	Convertible
Flow:	0 - 2 m/s
Length:	149.9 mm
Material:	Platinum
Measuring range:	-2000 - 2000 mV
Operating temperature range:	0 - 105 °C
Parameter:	ORP
Pressure Range:	6.9 bar at 100 °C

Sensor Thread:	0.75" NPT on both ends
Temperature Compensation:	Yes
Warranty:	3 months
Wetted Materials:	PPS, PTFE double junction, glass with platinum electrode, FKM/FPM O-rings