

Conducell-P SU

Specification Sheet (Part/REF # 10076677)



The Conducell-P SU (in combination with the Arc Module Cond-P) enables precise conductivity measurement in single-use bags.

Product Specifications

Parameter	Conductivity (4-Pole)
Measurement Principle	4 pole contacting
Measuring Range	100 μ S/cm to 300 mS/cm
Accuracy at 25 °C	\pm 5 % at 100 μ S/cm to 100 mS/cm \pm 8 % at 100 mS/cm to 200 mS/cm \pm 10 % at 200 mS/cm to 300 mS/cm
Cell Constant	1,3 1/cm
Temperature Sensor	Yes
Wetted Parts	Platinum Ceramic / Glass HDPE (High Density Polyethylene) See compliance details in Material Specification document
Biocompatibility	Yes, see separate study report (upon request)
Wet-in Time	30 min after dry storage
Shelf Life	12 months prior gamma irradiation 24 months after gamma irradiation
Serial Number	No
Certificate	Yes
Autoclavable	No

CIP	No
Steam Sterilizable	No
Gamma Irradiatable	Yes, up to 50 kGy
Operating Temperature Range	4 to 50 °C
Pressure Range bar g	0 to 1 bar
pH Range	3 to 10

Specifications are subject to change without notice

Spec. Version B

<https://www.hamiltoncompany.com/process-analytics/sensors/10076677>