

Incyte-P SU

Specification Sheet (Part/REF # 10076676)



The Arc Module Incyte-P in combination with the Incyte-P SU enable real-time, in-situ measurement of viable cells, making it possible to detect events and respond in real time without increased off-line sampling.

Product Specifications

Parameter	Viable Cell Density
Measurement Principle	Permittivity
Measuring Range	0 to 700 pF/cm, equivalent to 5×10^5 to 8×10^9 cells/mL (mammalian)
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
Conductivity Range	1 to 50 mS/cm
Pressure Range bar g	0 to 1 bar
pH Range	3 to 10

Specifications are subject to change without notice

<https://www.hamiltoncompany.com/sensors/10076676>

Spec. Version A