

# Arc Module Incyte-W SU

Specification Sheet (Part/REF # 10087686)



The Arc Module Incyte-W 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
Electrical Connector	VP8
Sensor Output	Arc: Modbus
Measurement Principle	Permittivity
Measuring Range	0 to 700 pF/cm, equivalent to $5 \times 10^5$ to $8 \times 10^9$ cells/mL (mammalian)
Temperature Sensor	Yes (on sensor element: Incyte-P SU)
Configurable Values	VCD, Conductivity, Temperature
Digital Interface	RS485 Modbus (max. 31 addresses)
Baud Rate	4800, 9600, 19200, 38400, 57600, 115200 Bd
Operating Voltage	24 V ( $\pm 10\%$ )
Serial Number	Yes
Certificate	Yes
Autoclavable	No
CIP	No
Steam Sterilizable	No
Gamma Irradiatable	No
Operating Temperature Range	0 to 60 °C
Conductivity Range	1 to 50 mS/cm
Protection Rating	IP 64 (when connected to the sensor element: Incyte-P SU)

Specifications are subject to change without notice

<https://www.hamiltoncompany.com/sensors/10087686>

Spec. Version A