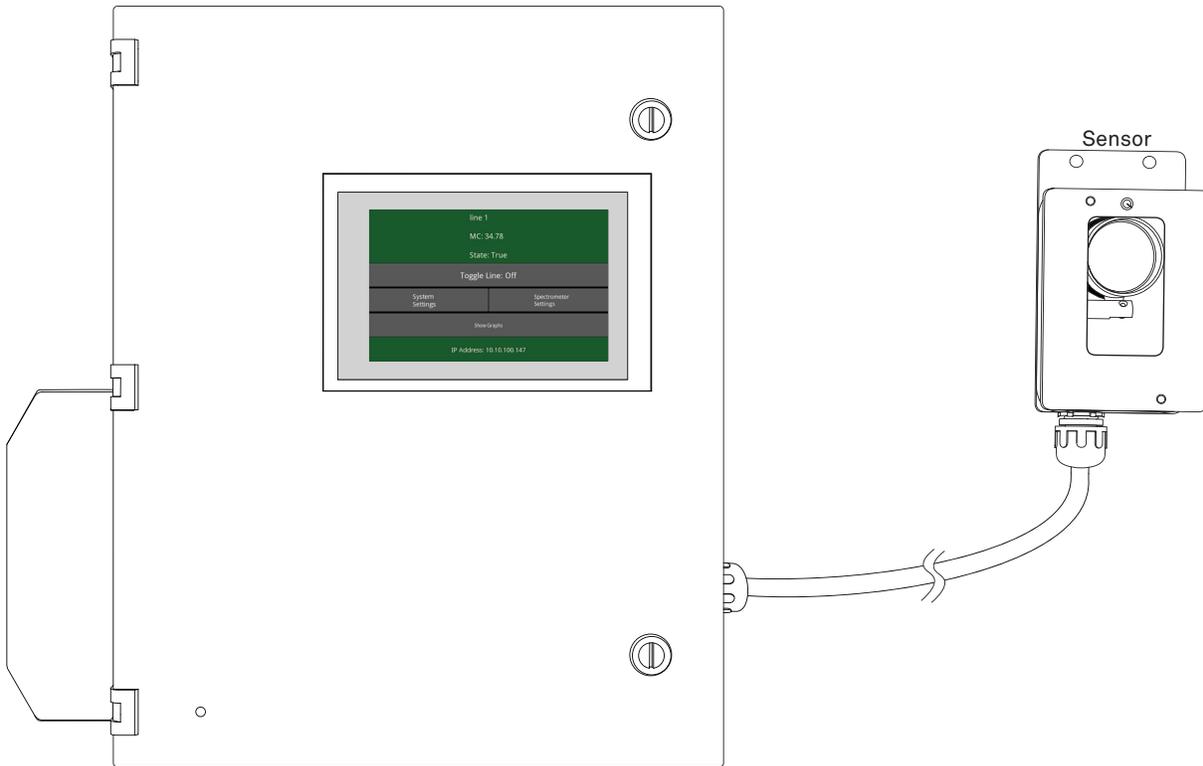




AQNIR SPECIFICATION SHEET

18328-00
8.28.2019

METER



Description

The AQNIR is a SKALA-native, inline near-infrared (NIR) spectrometer that has been designed from the ground up for use in monitoring in-process moisture and water activity, even in the most extreme production environments. Using SKALA, it is possible to maintain and update multiple product calibration models seamlessly and in real time. Calibration maintenance is made simple and intuitive by integrating the process into the SKALA work flow.

Specifications

Wavelength Range	850–1750 nm	Enclosure Material	316 stainless steel
Wavelength Resolution	6 nm	Window Material	High-strength borosilicate glass
Minimum Acquisition Time	1 ms	Light Source	Tungsten-Halogen (3,000-h life)
Maximum Acquisition Time	1 s	Target Distance	<1–10 in (<2.54–25.4 cm)
Operating Temperature	0–50 °C	Communication	Standard TCP/IP PLC
Temperature Control	Integrated Enclosure TEC System	Display	7-in (17.78 cm) touch display
Intrusion Rating	IP67	Power	100–240 VAC, 50–60 Hz

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