

Document Title:		Part #	
<h1>AQNIR Specification Sheet</h1>		<h2>18328</h2>	
		Release Date:	
		<h2>8.28.2019</h2>	
Rev	Description	Revision By	Date
00	Initial Release	LAJ	8.28.2019
01	Update specifications, add dimensions per DCO <a href="https://app.asana.com/0/291002033173443/1155863688577708">https://app.asana.com/0/291002033173443/1155863688577708</a>	LAJ	1.17.2020

**Production Filename:**

[http://publications.metergroup.com/Instruction%20Sheets/18328\\_AQNIR\\_SpecSheet.pdf](http://publications.metergroup.com/Instruction%20Sheets/18328_AQNIR_SpecSheet.pdf)

**Working File Path:**

/Volumes/GoogleDrive/Team Drives/Product Number Library/18300-18399/18328/


**Dimensions:** 8.5" wide x 11" tall

**Colors:** CMYK/Full color 4/4

**Printer:** In-house printing

**Material:** 8.5" x 11" white paper.

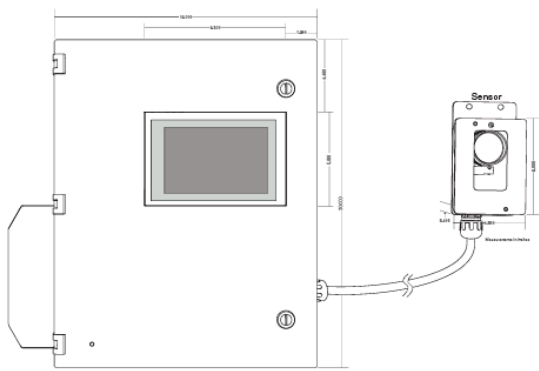
**Image below is for reference only. Not to scale.**



**AQNIR  
SPECIFICATION SHEET**

METER

18328-01  
1.17.2020



**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	Enclosure Material
850–1750 nm	316 stainless steel
Wavelength Resolution	Window Material
6 nm	High-strength borosilicate glass
Minimum Acquisition Time	Light Source
1 ms	Tungsten-Halogen (2,000-h life)
Maximum Acquisition Time	Target Distance
1 s	<1–10 in (<2.54–25.4 cm)
Operating Temperature	Communication
0–50 °C	Standard TCP/IP/PLC
Temperature Control	Display
Integrated Enclosure TEC System	7-in (17.8 cm) touch display
Intrusion Rating	Power
IP67	100–240 VAC, 50–60 Hz

**METER Group, Inc. USA**  
2395 NE Hopkins Court, Pullman, WA 99163  
T+1.509.332.2750 F+1.509.332.5198  
E info@metergroup.com W metergroup.com

**NORTH AMERICA**  
E support.na@metergroup.com  
T+1.509.332.5600

**EUROPE**  
E support.europe@metergroup.com  
T+49 89 12 86 52 0