

Model 662 UV Analyzer



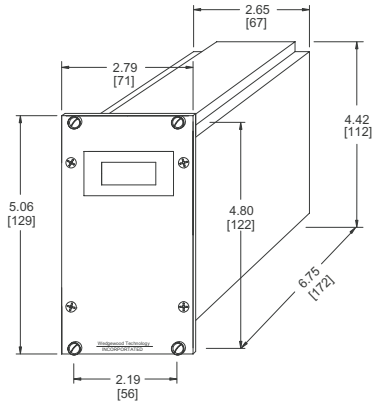
The Model 662 UV analyzer is used with either a Model AF44 or AF45 single channel, or Model AF46 dual channel UV sensor to measure the spectral absorbance of process liquids in the UV region of the electromagnetic spectrum

- 5 selectable full scale ranges allow for UV absorbance measurements up to 50 AU/OD units. Actual range dependent on pathlength
- Remotely accessible range selection and auto zero function
- One 4-20 mA analog output
- Volt free alarm output contact is suitable for direct connection to a PLC or inclusion in a control scheme
- Lamp fail indication and relay output
- Type 4 DIN plug in unit 3U x 14HP x 160 mm deep (2.8" W x 5.1" H x 6.7" D) conserves space and simplifies mounting

Model 662	Specifications
Signal inputs	Dual channel current from Model AF4x online sensor
Range	Up to 50 AU/OD. Measurement range is dependent on pathlength
Accuracy	+/- 2 % of measurement range
Linearity	+/- 1 % of measurement range
Signal outputs	Lamp fail relay contact NO, 1A 115 Vac resistive load 4-20 mA tracking to range selected, 400 ohm load 0-2 Vdc, tracking maximum range, 10k ohm load
Power	115, 230 Vac, 50-60 Hz, 14 VA optional 20 to 28 Vdc, 12 W
Operating environment	Temperature 0-55 °C; relative humidity 0-90 %

RANGE	0.5MM PL	1MM PL	2MM PL	5MM PL	1CM PL	2CM PL
A	0-50 OD	0-20 OD*	0-10 OD*	0-5 OD	0-2 OD*	0-1 OD*
B	0-20 OD	0-10 OD	0-5 OD	0-2 OD	0-1 OD	0-0.5 OD
C	0-10 OD	0-5 OD	0-2 OD	0-1 OD	0-0.5 OD	0-0.2 OD
D	0-5 OD	0-2 OD	0-1 OD	0-0.5 OD	0-0.2 OD	0-0.1 OD
E	0-2 OD	0-1 OD	0-0.5 OD	0-0.2 OD	0-0.1 OD	0-0.05 OD

*Hi-OD option increases this range 50%



662										
		Power Supply								
	A	115 Vac								
	B	230 Vac								
	D	24 Vdc								
		Transmitter Pathlength Setup								
	0	0.5 mm								
	1	1 mm								
	2	2 mm								
	3	5 mm								
	4	10 mm								
	5	20 mm								
		Transmitter Units								
	V-	Optical density								
		Transmitter Options								
	E	30 OD range								
	H	1 % autozero offset								
	I	1 % autozero offset and 30 OD range								
	Q	10 % autozero offset								
	F	Bumpless autozero update								
	T	10 % autozero offset and 30 OD range								
	N	None								
		Cable Type								
	-K	To AF44								
	-L	To AF44/EXP1 (FM)								
	BM	To AF44/EXP1 (SIRA)								
	CL	To AF44/EXP1 (FM DIN RAIL ISB)								
	CM	To AF44/EXP1 (SIRA DIN RAIL ISB)								
	-M	To AF45								
	AA	To AF46*								
	AB	To AF46/EXP1 (FM)*								
	BN	To AF46/EXP1 (SIRA)*								
	CB	To AF46/EXP1 (FM DIN RAIL ISB)*								
	CN	To AF46/EXP1 (SIRA DIN RAIL ISB)*								
	-N	None								
		Cable Length								
	F	Feet								
	M	Meters								
	N	None								
					Enter 3 digit cable length, including leading zeros. For no cable, enter ---					

* When specifying a system including an AF46 sensor, 2 transmitters are required. One should detail the cable (i.e. 662.....AAF025), while the other should have no cable (i.e. 662.....AAN---)

Pathlength
Range

Dimensions
Diagram

Order
Code

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