

WAVEPOD™ Integrated Instrumentation Unit

Integrated instrumentation unit for dissolved oxygen (optical sensing) and O₂ gas mixing controls for use with the System20/50EHT series *Wave Bioreactor™*. Made of high quality stainless steel and aluminum; compact size and large color touchscreen for ease of use.



WAVEPOD-L version shown

Features:	Color touchscreen Built-in Ethernet interface 4-bay stainless-steel chassis		
Dimensions:	15.6in x 10in x 14in (397mm x 254mm x 356mm)		
Weight:	19lbs (8.6 Kg)	Shipping Weight:	25lbs (11.3 Kg)
Performance:			

RJ12-6 connector (bioreactor base)	Airflow set point 0.0 – 1.0 lpm
RJ11 MODBUS jack (Ethernet)	Airflow control range 0.0 – 0.5 lpm
DO measurement range 30 – 100% saturation	DO fiber optic probe accuracy +/- 0.5%
DO set point range 0 – 100% saturation	
O ₂ set point range 0 – 50%	O ₂ gas inlet pressure regulated 10 -15 psig (0.7 – 1.0 bar)
O ₂ control range 21 – 40%, +/- 0.6%	O ₂ gas inlet flow rate minimum of 0.6 lpm
41 – 50%, +/- 1.0%	

Environmental:	Operating conditions 5 to 40° C. Operating humidity 10 to 90% non-condensing Storage conditions -20°C to +60°C Pollution Degree 1 IP30 rating Indoor Use only
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Power:	90-240 VAC, 50/60 Hz, 3 A (autoswitching)
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Catalog Numbers/ Configurations*:

POD-L0112 – DOOPT and O₂MIX
POD-R0112 – DOOPT and O₂MIX

- "L" designation = left-side probe connections
- "R" designation = right-side probe connections

Options:	Country-specific power cord
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