

SPECIFICATION SHEET



LabMaster-aw neo

Measurement Specifications

	<i>Parameter</i>	
	<i>Water Activity</i>	<i>Temperature</i>
Measurement Principle	Resistive Electrolytic	Surface Infra-red
Measurement Range	0.0300.....1.0000aw*	0...60.00°C (32...140°F)
Calibration Range	0.0400.....1.0000aw*	N/A
Resolution	0.0001aw	0.01°C
Accuracy	+/-0.0030aw within cal. range	+/-0.20°C
Precision	+/-0.0020aw within cal. range	+/-0.10°C
Repeatability (typically)	+/-0.0010aw within cal. range	N/A
Temperature Control	Programmable measurement temperature in the range of 0.....60.00°C (32.....140°F)	
Calibration Points (%rH)	4%, 6%, 11%, 33%, 53%, 58%, 75%, 84%, 90%, 97%, 100% Salt standards equipped with RFID tag for faultless identification by the LabMaster-aw neo	

* at 25°C chamber and environmental temperature

Instrument-Specifications

	LabMaster-aw neo
Operational Conditions	<ul style="list-style-type: none"> • Rel. Air Humidity: 5.....95%rH, non-condensing • Temperature: 5....45°C • Altitude: up to 2'000 metres above sea level (m a.s.l.) according to EN 61010-1
Power Supply	<ul style="list-style-type: none"> • 100.....260 VAC • Power consumption: <ul style="list-style-type: none"> ○ Maximum: 42W ○ Normal Operation: <15W ○ Stand-By: <0.1W
Display	7" capacitive touch screen
Communication	<ul style="list-style-type: none"> • RS-232 and USB 2.0 for PC / • RS-232 for Epson printer TM-U220D • SD-Card
Housing	<ul style="list-style-type: none"> • Hybrid painted steel housing/PUR , • Weight: approx. 10kg • Dimensions (L x W x H)= 423 x 260x 186mm Height with opened cover : 462mm
Volume measurement chamber	12mL
Dimensions Sample Cup	Diameter 40mm x Height 13mm
Protection Class	IP20
21CFR 11	<ul style="list-style-type: none"> • 21CFR11 compliant Audit Trail • 21CFR11 compliant User Management

Subject to change without notice