



LABMASTER-AW NEO

High Precision Water Activity Measurement

WATER ACTIVITY MEASUREMENT

QUICK FACTS

LABMASTER-AW NEO

Very talented allrounder

Second to none water activity meter with cutting-edge technology, perfect for daily routine determination of water activity in QC-labs in food and pharma. This meter is as well very suitable to support further investigation to find the source of product spoilage, texture failures or rancidity.

ADVANTAGES & BENEFIT

FAST & ACCUARTE

Outstanding meter for hassle-free water activity measurement and result documentation, including 21CFR11 compliant audit trail and user management, automatic verification or calibration, contactless salt standard identification by RFID and a quick mode which guarantees a completed measurement within 10 mins. Additional features like full temperature control in the range of 0-60°C, measurement range of 0.0300-1.0000aw and a much easier handling of chemical protection filters due to magnetic fixing completes the LabMaster-aw neo. Still compliant with all standards like AOAC, ISO, USP and others.

FEATURES

EASE OF USE	● ● ● ● ●
SIZE OF DISPLAY	● ● ● ● ●
DATA STORAGE	● ● ● ● ●
MEASUREMENT SPEED	● ● ● ● ●
MEASUREMENT ACCURACY	● ● ● ● ●
QUICK MODE	● ● ● ● ●
APPLICATION RANGE	● ● ● ● ●
CHEM. PROTECTION FILTER	● ● ● ● ●
THERMOSTATTED CHAMBER	● ● ● ● ●
PRICE	● ● ● ● ●
RE-USABLE STANDARDS	● ● ● ● ●
EASE OF MAINTENANCE	● ● ● ● ●
HUMIDITY EQUILIBRIUM DETECTION	● ● ● ● ●



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	

Instrument-Specifications

	LabMaster-aw neo
Power Supply	<ul style="list-style-type: none"> • 100.....260 VAC • Power consumption: <ul style="list-style-type: none"> ○ Maximum: 65W ○ Normal Operation: <10W ○ 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	IP21
21CFR 11	<ul style="list-style-type: none"> • 21CFR11 compliant Audit Trail • 21CFR11 compliant User Management

Subject to change without notice