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	●●●●○

novasina
The Art of Precision Measurement

005706.00

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SPECIFICATION SHEET

LabMaster-aw neo

Measurement Specifications

	Parameter	
	Water Activity	***Temperature***
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	• 100……260 VAC
	• Power consumption:
	  ○ Maximum: 65W
	  ○ Normal Operation: <10W
	  ○ Stand-By: <0.1W

Display	7'' capacitive touch screen
Communication	• RS-232 and USB 2.0 for PC / • RS-232 for Epson printer TM-U220D • SD-Card
Housing	• 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	• 21CFR11 compliant Audit Trail • 21CFR11 compliant User Management

Subject to change without notice