TRAMEX REMOTE ENVIRONMENTAL MONITORING SYSTEM WME/MC

The Tramex Remote Environmental Monitoring System WME/MC allows for Moisture Content (%MC) monitoring in wood and Wood Moisture Equivalent (WME) monitoring in a variety of building materials such as wood-based products, drywall or plasterboard. Additionally, the system enables ambient temperature and relative humidity monitoring to ensure optimal environmental conditions. Designed and developed by Tramex, this state of the art technology can notify users allowing for quick response to in-situ and environmental changes. The TREMS-WME/MC kit comprises a Tramex Cloud Station router, 5 CS-RHTX Tramex Cloud Sensors for ambient conditions, and 5 external WME/MC probes. Multiple Sensors can be used with one Station and additional Sensor and WME/MC probe Accessory Packs are also available, meeting your specific monitoring requirements. Registration and on-site set-up is simple using a QR code check-in procedure. The on-site Sensors, with battery life of up to 15 years, transmit relative humidity, temperature (ºC and ºF), dew point, grains per pound / grams per kilo and WME/MC readings wirelessly via the Tramex Cloud Station enabling remote monitoring of up to 200 on-site Sensors on the Tramex Cloud platform. Tramex Cloud is a secure platform to store and report your moisture, temperature and relative humidity measurements, get notified of adverse conditions and quickly monitor status from any browser. There are no subscription fees and there is free data with the Tramex Remote Environmental Monitoring System WME/MC.

KIT CONTENTS

Product Code: TREMS-WME-MC

1. 5 x CS-RHTX Tramex Cloud Sensors
2. 5 x WME/MC electrode probes
3. 1 x Tramex Cloud Station
4. 1 x Heavy Duty Protective Carry Case
5. Tramex Cloud Software Monitoring platform (Tablet not included)
6. Antennae for Cloud Station

AMBIENT
RH, T, DP, g/kg

WME REFERENCE
READING RANGE
0-100

TRAMEX CLOUD

ONLINE INFO

SPECIFICATIONS

TRAMEX CLOUD SENSOR - SPECIFICATIONS & MEASURING RANGE

Sensors can be easily registered by scanning the QR code on the back of the instrument and clicking 'register' in your Cloud account.

Size:	100mm x 90mm x35mm (3.94" x 3.54" x 1.38")	Transmission Range:		Over 3kms line-of-sight
Weight:	100g (3.53oz)	Communication Frequency:		Multiple readings per hour
Power:	Built in CR123A battery with up to 15 year lifespan	Identification:	Items individually coded for ease of install and	
Construction:	ABS enclosure			logging identification.
Included:	Wall Mounting			

RELATIVE HUMIDITY SENSOR SPECIFICATIONS		TEMPERATURE SENSOR SPECIFICATIONS:	
Exceptional Accuracy:	±1.5%RH Range 0% to 80%RH	Exceptional Accuracy:	±0.1 °C Range 20°C to 60°C
	±2.0%RH Range 80% to 99%RH (@ 25°C (77°F))		(±0.1°F Range 68°F to 140°F)
Range:	0 to 100%RH	Range:	-40°C to 125°C (-40°F to 257°F)
Resolution:	0.1% over the complete range	Sensor Protection:	PTFE Film protects sensor opening
Drift:	<0.25%RH per year		from water & dust
		Drift:	<0.03°C (0.04°F) per year

WME/MC PROBE

The resistance-type probe measures the percentage moisture content (%MC) of wood and WME (Wood Moisture Equivalent) readings in other building materials such as wood-based products, Drywall or Plasterboard.
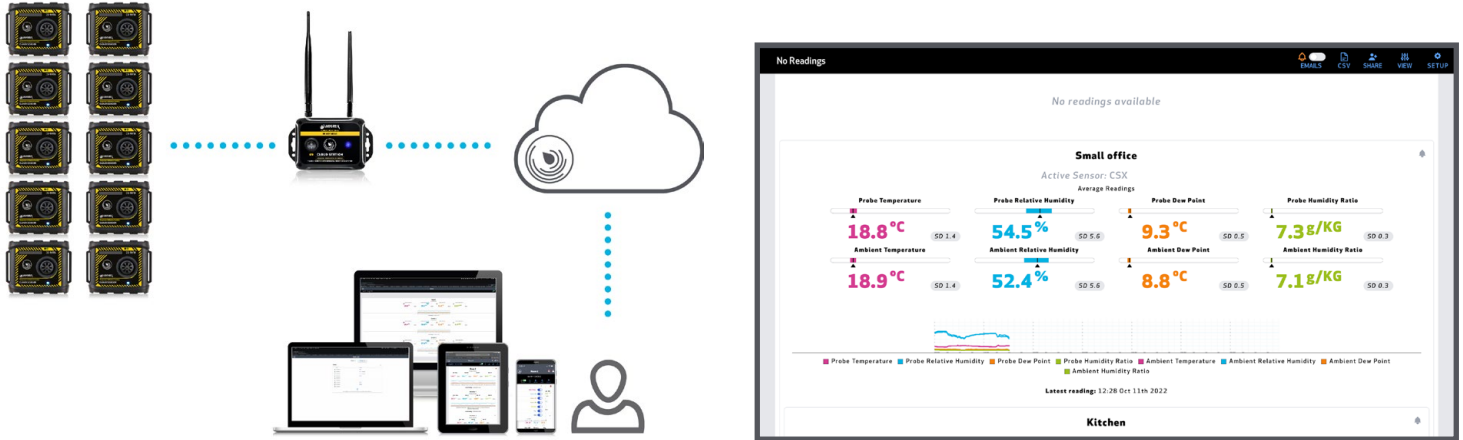
TRAMEX CLOUD STATION

The Cloud Station can be easily registered by scanning the QR code on the back of the instrument and clicking 'register' in your Cloud account.

Size:	130mm x 115mm x 30mm (5.12" x 4.53" x 1.19")	Frequency:	Region Specific frequency available
Weight:	270g (9.5oz)	Security:	WPA2-PSK encryption,
Power:	Universal AC Power Adapter		no unwarranted telemetry/tracking.
Construction:	Wall-mountable Industrial Aluminium		

SPECIFICATIONS

TRAMEX CLOUD

The Tramex Cloud stores all your project details and logging information securely and allows for remote monitoring.

Detailed logging charts

Data is stored free of charge for a period of 2 years, after which, following our data retention policy, you will need to download it.

KIT SPECIFICATIONS

Size:	43.5cm x 36cm x 14cm (17.1" x 14.2" x 5.5")	Weight:	3.56kg (7.6lbs)
Power:	5 x CR123A 3-volt batteries (included)		

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