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MA 50.5Y Nem Tayin Cihazı

WL-304-0043

More information on the website
mirror.radwag.com/tr/info,w1,C4H

The drawings, photos and graphics used are for illustrative purposes only.

Fonksiyonlar

- Autotest
- Statistics
- IR sensors
- GLP Procedures
- Replaceable unit
- Statistical Quality Control
- ALIBI Memory
- Drying modes
- Samples drying
- Moisture content analysis
- Dry mass determination
- Wi-Fi

Genel Açıklama

Do you need a moisture analyzer that not only determines moisture or dry matter content with impressive accuracy, but also performs a digital audit, responds to your voice commands and sends you light messages?

If so, learn about the functionality of the ELLIPSIS series of moisture analyzers:

It Dries in 4 Ways The MA 5Y Moisture Analyzer offers you four drying profiles: standard, mild, fast and step. The standard profile is the usually used drying profile. It allows the most accurate determination of moisture content.
The mild profile is designed for drying substances that are sensitive to the rapid heat released by the filaments, which heat full power at the initial stage of the process. An example of such a substance is leather.
You will use the fast profile for samples with significant moisture content – of the order of even several tens of percent.
The step profile will be ideal for drying substances that contain more than 15 percent moisture. Within this profile you can define any three temperatures. You will choose the values of temperature and duration of heating experimentally.

What Drying Temperature Should I Set? The drying temperature determines the duration of the process. Its value depends on the type of material. If the temperature is too low, it will under-dry the sample and, consequently, unnecessarily increase the measurement time, while if it is too high, it will cause a burning effect on the material. The drying temperature for the traditional (oven) method is determined by industry or factory standards. If there are no standards, you will select the temperature experimentally. The maximum drying temperature on the MA 5Y Moisture Analyzer is 160°C.

How Do I Finish the Drying? In 4 Ways The MA 5Y Moisture Analyzer has four finish modes: automatic, manual, time-defined and user-defined. Automatic mode
You define the moisture loss limit value in 60 seconds. When the moisture analyzer reaches the set criterion, the measurement will automatically end.
Manual mode
You terminate the measurement yourself by pressing the STOP button.
Time-defined mode
The measurement ends after the set time has elapsed regardless of the result. You have up to 99 hours 59 minutes to manage!
User-defined mode
When you remove all volatiles from a sample, by definition, its mass should be constant. During drying, the dry mass of the sample is defined by a condition: if the mass of the sample is stable within 1 mg during the observation time (Auto 1-5), we consider that all volatile components have been removed from its structure.

Digital Weighing Auditor

Ensures that your moisture analyzer is ready for use. What is more, it informs about the need for a moisture analyzer inspection or a periodic audit of the moisture analyzer’s accuracy and sensitivity.

10-Inch Display

Bigger screen – 10'' – means more information in one place. On the new ELLIPSIS terminal, you will see up to 3 screens, widgets, graphs, statuses, notes, handy measurement history.

Uncompromising User Verification For the first time ever, the moisture analyzer will verify the user using a password, RFID card, fingerprint reader, facial recognition mechanism, or any combination of these.

Ambient Light – an Innovative Way for the Moisture Analyzer to Communicate With the User

The light colour will tell you about status, process results, procedures, or alerts.

Hotspot Use the moisture analyzer on any device connected to it. This can be a smartphone, tablet, or computer.

RFID ELLIPSIS works with RFID tags* that can be used to tag your products or formulation ingredients in the database. They can also be used to identify a user.

Live Note – Note Down Your Conclusions It's the first time you can add a text memo to a measurement series or procedure report. These can be, for example, assumptions, reminders or questions that can be returned to at any time.

Handy Library This is where a series of recent measurements or a report ready for digital signature, according to 21 CFR Part 11, can be found.

Widgets Prepared to display what you need most at any given moment.

21 CFR Part 11 Do you work in the pharmaceutical industry? Do you need a digital signature? We are offering the moisture analyzer which as a standalone fully meets the requirements of 21 CFR Part 11/ EU GMP Annex 11. Full data security Electronic signatures Validations Electronic records Audit trails

Modbus TCP/IP is one of the most popular communication protocols in industrial automation. Implementing it in the 5Y balances and CY10 scales makes the devices of this series friendly to automation integrators. A balance or scale in a Modbus system is a slave device and performs tasks specified by the master device which is most often a PLC. Protocol Modbus TCP/IP in the 5Y balances and C10 scales enables, among other things, the realization of mass readout, zeroing and tare functions of the device, as well as tare settings and MIN and MAX thresholds.

* RFID ISO/IEC 14443 Type A, 13.56 MHz

İle uyumlu (Additional Fee)

Antivibrasyon masaları
Nem Tayin Cihazı aksesuarları
Ek modüller
Barkod okuyucu
Fiş yazıcı
Parmak izi okuyucu
RS 232, RS 485 Kablolari
Kablolar RS 232 (Teraziler - Yazıcı)
RS 232 – RS 485 Converter

Yazılım (Additional Fee)

• E2R Tartım [WX-010-0099]
• Etiket Editörü R02 [WX-010-0094]
• Terazi Editörü - EWAG 2.1 [WX-010-0173]
• RAD Key [WX-010-0005]
• RADWAG Remote Desktop [WX-010-0107]
• RADWAG Development Studio [WX-010-0104]

Cihaz boyutları G x D x Y