

Basic information

Intended use

ULTRA X moisture analysers are solely designed to quickly measure moisture and dry matter in solid, viscous and fluid substances using thermogravimetric analysis. A sample is weighed while being dried by infra-red heat.

Common features for all ULTRA X devices:

Short measurement time, gentle and even drying of samples, high reproducibility

Automatic or time-controlled measurement shut-off

UX 3011/ 3011Q/ 3011HQ

Temperature-controlled infra-red heater 250 W/ 375 W
Temperature range: 40 – 200 °C/ 360 °C/600 °C
Stainless steel drying tray 111 mm diameter



UX 3031

Special device for gypsum industry
2 temperature-controlled heaters for separate measurement of
free and chemically bound moisture in gypsum products
Temperature range: 40 – 360 °C
Stainless steel drying tray 111 mm diameter



UX 3081/ 3081WQ

Special device for extra large samples,
e.g. in the chipboard industry
2 temperature-controlled ceramic heaters
Temperature range: 40 – 220 °C/ 300 °C
Stainless steel drying tray 245 x 120 mm



Overview of menu setup via the UP button

M e n u

- ▶ Menu language
 - ▶ Language, GERMAN
- ▶ Menu CAL
 - ▶ „Calibrate? Set or esc“ <set>
 - ▶ „If scales are empty, press set!“ <set>“
 - ▶ „Please wait“; „Add 500 g weight, press set“ <set>
 - ▶ „Please wait“; „Remove 500g weight, then wait“
 - ▶ „CAL completed! Press set“ <set>
- ▶ Menu buzzer
 - ▶ Buzzer activated / deactivated
- ▶ Menu date + time
 - ▶ Date. Day . Month . Year Time Hours : Minutes
- ▶ Menü ID
 - ▶ Device ID 9999
 - ▶ Device ID, 0000
- ▶ Menu data output
 - ▶ Data output, without LF / with LF
- ▶ Menu printer
 - ▶ Printer, Number of print copies
 - ▶ Number of print copies, _ Print copies
 - ▶ Printer, Interval
 - ▶ Printout, every __ secs
- ▶ Menü PreFlash (only for Infrared heater)
 - ▶ Preflash, on/off
 - ▶ Preflash, Pre.-Temp., __°C
 - ▶ Preflash, Remain.weight, __%
- ▶ Menu Measurement unit
 - ▶ Measurement unit, moisture
- ▶ Menu Auto/ Timer
 - ▶ Auto/ Timer quartz, **Automatic mode**
 - ▶ Automatic mode, weight loss mg
 - ▶ weight loss mg, __ mg
 - ▶ Automatic mode, Interval secs
 - ▶ Interval secs, __ secs
 - ▶ Automatic mode, Start mins
 - ▶ Start mins, __ mins
 - ▶ Auto/ Timer radiant heater, **Timer**
 - ▶ Auto/ Timer radiant heater, __ mins
- ▶ Menu Temperature
 - ▶ Temperature, radiant heater 170°C (also K heater)
 - ▶ Temperature, Quartz heater 360 °C

