



OPERATING INSTRUCTIONS for MOISTURE TESTERS UX 2001 SERIES

Start instrument
↓
Press „Standby“
↓
it appears...

| DISPLAY shows | |
|-------------------|--|
| -8888,8 g | Display Test |
| -2031- 0,000 g | Type of instrument Put sample on weighing pan - move radiator over the pan - The sample will be dried with the standard settings (marked red). At the end of drying a signal sounds. If the radiator stays over the pan, the other results (dM, AO, PM) can be seen in the display by using the „TARA“-button.. |
| ----- | Tare balance |

Press „Tara“ button for one second

Settings level

| DISPLAY shows | SETTINGS can be changed by using the „Change“ button | MEANING |
|---|---|--|
| PNr. ↓ IA ↓ FEUCHTE (HU) ↓ Print | 0000 ; 1000, ...9000 (Standard is 10 sample no.) 0"→6"→ 12" →30" Sek.→1'→2'→4' min. Atro (AO); Dry Matter (dM); Per 1000(PM) 0; 1 ; 2; 3 prints | Sample no., (0001,0002,...) <u>Printing in intervals</u> Results Number of prints <i>To send data via the interface, „Print“ has to be set at least to „1“!</i> |
| ↓ GAb ↓ Aln ↓ Abn | 4; 8 ; 16; 32 mg 10", 20" ; 45"; 70" sec 0,3'; 1' ; 2'; 3' min | Weight loss <u>Weight loss in how many seconds</u> Start of detecting weight loss |
| ↓ PFI ↓ Heat ↓ Delay | aus , 0,100% (dM) 0, 100% Power 0 , 9 sec. | <u>Preflash</u> <i>for very wet samples to shorten drying time !</i> Power of radiator: <i>with 250W radiator up to app. 160°C</i> <i>with 375W radiator up to app. 250°C</i> Time delay, until the balance' display will be steady ! |

Press „Tara“ button for two seconds

K O N S T A S T O P

S T O P B Y S E T B U T T O N

| | | |
|---|---|--|
| CAL ↓ Stb ↓ Uhr, Datum, Monat, Jahr ↓ Config ↓ 0,000 g | 1 (very calm), 2 , 3, 4 (turbulent) | Calibrating the balance Stability of the balance Set time and date Settings can be printed by the „Change“button |
|---|---|--|

Standard Settings

The radiator's power can be changed also during a measurement.
Press the „Tara“ button and the „Set“ button at the same time.
Use the turn switch to set the power in %. The value is shown in the display.

Meaning of the results:

- „FEUCHTE“ (HU): moisture content in % of the sample weight.
- „FESTSTOFF“ (dM): dry matter (solids) in % of the sample weight
- „ATRO“ (AO): moisture relative to the solids, e.g. 50 % moisture and 50 % solids mean 100 % ATRO, a german abbreviation used in the chipboard industry.
- „PER 1000“ (PM): g solids per 1000 g sample weight, e.g. 15 % solids mean 150 PM, a value which is used in german waste water plants.

During a measurement you can see the current time by pressing the „Show“ button.

ULTRA X instruments normally work for many years. Should it be necessary however to send the device to our service department, please ask us for an **original packing**.

The **warranty** requires that the devices are handled according to their sensitivness. The devices have a built-in mg-balance and may not be exposed to strong shocks. **A broken weighing cell does not come under the warranty.**

a & p instruments e.K.
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