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## Гравиметрический анализатор влажности с галогенным и кварцевым источником тепла UX 2031D

Rugged and accurate sampling for almost all solid and liquid substances. Suitable for laboratory as well as production applications.

A micro processor controlled weight loss dehydration method of moisture analysis offers accurate and efficient results. This process uses infrared drying and continuous weight loss measurement.



**MOST** advanced and modern technology combined with more than 50 years of experience are the fundamentals of this development. A microprocessor operated high-tech weighing technology with elegant design and robustness.

**UX 2011D** is equipped with an infrared (light) heater to dry out the moisture and the crystal moisture. All pre-selectable parameters are indicated on a LCD-display. The infrared beam intensity of 0...100 % can be adjusted in 1 % steps using the keyboard or a rotary knob for quick adjustment.

**The balancer** measures Moisture Content in %. 5 further data can be calculated, monitored and displayed (see technical data). The final value of a measurement can be evaluated in two different ways: either by an automatic and product depending stop drying function "KONSTA STOP" or using a built-in timer.

### Features:

- **Easy handling**
- **Pre-heating** mode "Pre-Flash" for very moist materials.
- **Sensitivity adjustment** for the scale depending on the ambient conditions
- **Cost savings** through reusable stainless steel bowls.
- **Standard** interface V24/RS 232, additional special accessories such as integrated or separate printers.
- **Software** to export data to Microsoft Excel®.
- **Elegant but also functional design**

# Technical data for the moisture analyzer type ULTRA X 2031D:

WEIGHING RANGE:	Selectable 60 / 120 / 310 g
RESOLUTION:	0,001 g / 0.002 / 0.005 g
MEASURED VALUES:	% Decrease of weight in grams % dry material increase of weight in grams % dry substance actual sample weight gram solids per kg
TIMER:	Free programmable 0...90 min. in 10 second steps for time depending drying
KONSTA STOP:	Automatic drying until weight is constant. Selectable in 3 different modes: start measuring, measuring in intervals, weight loss/measured during intervals.
HIGH-FLASH:	Automatic, variable pre-heater to shorten the drying time up to 50% depending on the material or to reach the set-point temperature much earlier.
TEMPERATURE:	Selectable either free variable or with 100 steps range approx. 40...180°C with light heater, or up to 360°C with quartz heater
POWER FROM HEATER:	250 watts (infrared light heater) 375 watts (quartz dark heater)
SAMPLE WEIGHT:	Minimum 1 g, recommended minimum 4 g
SAMPLE VOLUME:	Max. 95 cm <sup>3</sup>
DRYING BOWL:	Stainless steel, diameter 110 mm
DATA OUTPUT:	Interface V24/RS 232
DATA SIGNALS:	All weight and measuring data in GLP-format with start time and variable interval print out. Selectable date, time, total measuring time, type of sample
POWER SUPPLY:	230 V (115 V with separate transformer) +/- 15%, 48-63 Hz
POWER CONSUMP.:	275 VA or 400 VA
DIMENSIONS:	360 x 280 x 415 (l x w x h) mm
WEIGHT:	Approx. 8,7 kg
SUPPLY:	Reference weight, 2 measuring bowls from stainless steel, pincher for the bowls, lead wire

*Subject to technical changes*

**Additional accessories available for samples, which are adhesive and difficult to remove from the drying pans:**

	Part no.:
<b>Aluminum</b> foils diameter 130 mm x 0,01 mm	1001347
<b>Aluminum</b> foils diameter 130 mm x 0,03 mm	1001390
<b>Foil</b> press to form the aluminum foils	1012300

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