

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



Data interface

Weighing data, temperature and drying data are also shown on the display via a standard USB flash drive and serial interface.

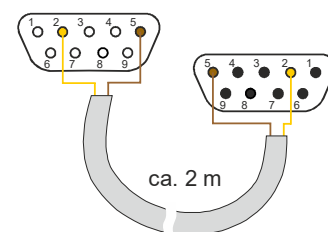
Depending on the model, a separate UX 3092 printer or a computer can be connected to the device.

Interface description

Model: V24 RS 232 serial data transmission and USB flash drive

Transmission rate:	9600 baud
Number of bits	8 data bits
	1 stop bit
Parity check	none
Handshake	none

Data cable
Moisture balance - DataChannel



Data transmission using a USB flash drive

If the computer receiving the data has an internet connection, the system automatically installs a driver and creates a COM interface, as soon as the computer is connected to the moisture analyser. If this is not the case, the driver must be manually installed in the device manager.

Special software is required for transmitting data to a PC:

ULTRA X DataChannel

Data can be exported in four different data formats: **.xls; .html; .xml; .txt.**

The software is extremely easy to install and use:

Connect devices, place CD in PC, the installation is self-explanatory.