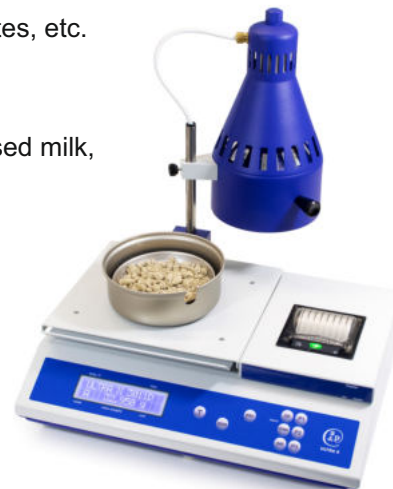


## ULTRA X Moisture Analyser

### Moisture Analyser ULTRA X 3011 Standard

#### Applications:

- **Food and Beverages**  
coffee, cocoa, tea, tobacco, spices, flour, pasta, bread, baked goods, powders, granules, pastes, liquids, etc.
- **Pet Food**  
dry food, wet food, snacks, etc.
- **Chemical Industry**  
powders, granules, pastes, liquids, fertilizers, adhesives, paints, soap, detergents and cleaning products, etc.
- **Pharmaceutical Industry**  
creams, drops, powders, granules, pastes, etc.
- **Agriculture**  
cereals, animal feed, seeds, fruits, etc.
- **Milk Processing**  
cheese, quark, yoghurt, butter, condensed milk, dry milk, casein, etc.
- **Meat Processing**  
meat, sausage, pet food, etc.
- **Timber Industry**  
Pellets, glues, paints, etc.
- **Textile Processing**  
yarns, fibers, leather, etc.
- **Composting Plants**
- **Waste Industry/ Recycling**
- **Sewage Treatment Plants**  
sewage sludge



#### Advantages:

- versatile, easy to use, fast and accurate results
- robust industry standard
- **weight up to 220 g**
- with special **product-specific setting options** for the automatic switch-off
- controllable radiation temperature 40 - 180 °C
- Ddata output via USB and RS 232
- optionally with **built-in printer ULTRA X 3011D**

### ULTRA X Moisture Analyser Overview:

- ULTRA X 3011** - standard, 40 - 180 °C, weight 220 g, optional built-in printer
- ULTRA X 3011G** - for sewage treatment plants, 40-180 °C, weight 220 g, residue on ignition, PreFlash
- ULTRA X 3011Q** - high temperature, 105 °C - 360 °C, weight 220 g, optional built-in printer
- ULTRA X 3011GQD** - high temperature, 105 °C - 600 °C, weight 200 g, built-in printer, PreFlash
- ULTRA X 3011HQ** - high temperature, 105 °C - 600 °C, weight 200 g, optional built-in printer
- ULTRA X 3031** - for analysis of gypsum, 40 °C - 360 °C, weight 220 g, optional built-in printer
- ULTRA X 3081** - large drying bowl, 40 °C - 200 °C, weight 400 g, separate printer
- ULTRA X 3081WQ** - large drying bowl, 105 °C - 360 °C, weight 400 g, separate printer

## ULTRA X Moisture Analyser

### Moisture Analyser ULTRA X 3011GQD

- Applications:**
- All Temperature-Insensitive Materials Up To 600 °C
  - Building Materials
  - Chemical Industry >Powder, granules, pastes, etc.
  - Sewage Treatment Plants >sewage sludge
  - Biogas Plans >Fermenta products

- Advantages:**
- drying and ashing in one measuring process
  - high temperature up to 600 °C,
  - simple >no move between different devicesn,
  - fast >no loss of time due to cooling in the desiccator
  - save >no sources of error due to intermediate weighing
  - weight up to 200 g
  - with special product-specific setting options for the automatic switch-off for drying and ashing
  - adjustable radiation temperature 105 °C - 600 °C
  - data output via USB and RS 232
  - with build in printer



### Moisture Analyser ULTRA X 3011HQ

- Applications:**
- All Temperature-Insensitive Materials Up To 600 °C
  - Building Materials
  - Chemical Industry  
Powder, granules, pastes, etc.
  - Sewage Treatment Plants  
sewage sludge

- Advantages:**
- versatile in use
  - high temperature up to 600 °C,
  - easy to handle,
  - fast and accurate results
  - robust industry standard
  - weight up to 200 g
  - with special product-specific setting options for the automatic switch-off
  - adjustable radiation temperature 105 °C - 600 °C
  - data output via USB and RS 232
  - optional mit eingebautem Drucker ULTRA X 3011HQD



### ULTRA X Moisture Anayser Overview:

- ULTRA X 3011 - standard, 40 - 180 °C, weight 220 g, optional built-in printer
- ULTRA X 3011G - for sewage treatment plants, 40-180 °C, weight 220 g, residue on ignition, PreFlash
- ULTRA X 3011Q - high temperature, 105 °C - 360 °C, weight 220 g, optional built-in printer
- ULTRA X 3011GQD - high temperature, 105 °C - 600 °C, weight 200 g, built-in printer, PreFlash
- ULTRA X 3011HQ - high temperature, 105 °C - 600 °C, weight 200 g, optional built-in printer
- ULTRA X 3031 - for analysis of gypsum, 40 °C - 360 °C, weight 220 g, optional built-in printer
- ULTRA X 3081 - large drying bowl, 40 °C - 200 °C, weight 400 g, separate printer
- ULTRA X 3081WQ - large drying bowl, 105 °C - 360 °C, weight 400 g, separate printer

## ULTRA X Moisture Analyser

### Moisture Analyser ULTRA X 3011Q

**Applications:**

- **All Temperature-insensitive Materials**
- **Building Materials** >cement, concrete, gravel, etc.
- **Foundries** >molding sand, casting cores
- **Chemical Industry** >powder, granules, pastes, etc.

**Advantages:**

- versatile in use
- **high temperature up to 360 °C**,
- easy to handle,
- fast and accurate results
- robust industry standard
- weight up to 210 g
- with special product-specific automatic switch-off
- controllable radiation temperature 105 °C - 360 °C
- data output via USB and RS 232
- optional **mit eingebautem Drucker ULTRA X 3011QD**



### Moisture Analyser ULTRA X 3031

**Applications:**

- **For The Analysis Of Gypsum**
  - **Gypsum In Mining**
  - **Gypsum From The Flue Gas Desulfurization Plant At Coal-Fired Power Plants**
  - **Gypsum Recycling**
- free moisture, bound water, purity

**Advantages:**

- especially for analysis of gypsum
- two radiators:  
Infrared heater 45 °C for humidity  
Quartz heater 360 °C for bound water
- easy to handle,
- fast and accurate results
- robust industry standard
- weight up to 210 g
- with special product-specific setting options for the automatic switch-off
- Infrared heater and quartz heater separately adjustable
- controllable radiation temperature 105 °C - 360 °C
- data output via USB and RS 232
- optionally with built-in printer ULTRA X 3031D



### ULTRA X Moisture Analyser Overview:

- ULTRA X 3011** - standard, 40 - 180 °C, weight 220 g, optional built-in printer
- ULTRA X 3011G** - for sewage treatment plants, 40-180 °C, weight 220 g, residue on ignition, PreFlash
- ULTRA X 3011Q** - high temperature, 105 °C - 360 °C, weight 220 g, optional built-in printer
- ULTRA X 3011QD** - high temperature, 105 °C - 600 °C, weight 200 g, built-in printer, PreFlash
- ULTRA X 3011HQ** - high temperature, 105 °C - 600 °C, weight 200 g, optional built-in printer
- ULTRA X 3031** - for analysis of gypsum, 40 °C - 360 °C, weight 220 g, optional built-in printer
- ULTRA X 3081** - large drying bowl, 40 °C - 200 °C, weight 400 g, separate printer
- ULTRA X 3081WQ** - large drying bowl, 105 °C - 360 °C, weight 400 g, separate printer

## ULTRA X Moisture Analyser

### Moisture Analyser ULTRA X 3081

**Applications:**

- **All Light, Voluminous Materials**
- **Timber Industry**  
chips, wood fibers, pellets, etc.
- **Agriculture**  
grasses, straw, hay, fodder, silage  
tobacco leaves, tea leaves, etc.
- **Plastics Industry**  
granules, powders, etc.

**Advantages:**

- large drying tray 110 x 240 x 20 mm  
light, voluminous materials up to 200 °C,
- easy to handle,
- fast and accurate results
- robust industry standard
- weight up to 400 g
- with special product-specific  
setting options for the automatic switch-off
- controllable radiation temperature 105 °C - 200 °C
- data output via USB and RS 232
- separate printer



### Moisture Analyser ULTRA X 3081WQ

**Applications:**

- **All Temperature-Insensitive Materials Up To 360 °C**
- **Metal Processing**  
brass chips, steel chips, titanium chips, etc.
- **Metal Recycling**  
brass chips, steel chips, titanium chips, etc.

**Advantages:**

- large drying tray 110 x 240 x 20 mm  
high temperature up to 360 °C,
- easy to handle,
- fast and accurate results
- robust industry standard
- weight up to 400 g
- with special product-specific  
setting options for the automatic switch-off
- controllable radiation temperature 105 °C - 360 °C
- data output via USB and RS 232



### ULTRA X Moisture Analyser Overview:

- ULTRA X 3011** - standard, 40 - 180 °C, weight 220 g, optional built-in printer
- ULTRA X 3011G** - for sewage treatment plants, 40-180 °C, weight 220 g, residue on ignition, PreFlash
- ULTRA X 3011Q** - high temperature, 105 °C - 360 °C, weight 220 g, optional built-in printer
- ULTRA X 3011GQD** - high temperature, 105 °C - 600 °C, weight 200 g, built-in printer, PreFlash
- ULTRA X 3011HQ** - high temperature, 105 °C - 600 °C, weight 200 g, optional built-in printer
- ULTRA X 3031** - for analysis of gypsum, 40 °C - 360 °C, weight 220 g, optional built-in printer
- ULTRA X 3081** - large drying bowl, 40 °C - 200 °C, weight 400 g, separate printer
- ULTRA X 3081WQ** - large drying bowl, 105 °C - 360 °C, weight 400 g, separate printer