

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 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.
 - **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 setting options for the automatic switch-off
 - controllable radiation temperature 105 °C - 360 °C
 - data output via USB and RS 232



Moisture Analyser ULTRA X 3011HQ

- Applications:**
- **All Temperature-Insensitive Materials Up To 600 °C**
 - **Building Materials**
 - **Foundries**
molding sand, casting cores
 - **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



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 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 3031

Applications:

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



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- ULTRA X 3011Q** - high temperature, 105 °C - 360 °C, weight 220 g, optional built-in printer
- 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



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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 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