

## Asphalt Analyser PURE The Modular Design

### Module PURE



#### Technical data

Dimensions approx.	1300 x 960 x 1785 mm
Weight	380 kg
Power	8,5 kW
Power Supply	3/N/PE, 400 V, 50 Hz

20-11600

### Module MODA Rubber Modified Bitumen



Only available with 20-11600

#### Technical data

Dimensions approx.	650 x 960 x 1785 mm
Weight	90 kg
Power	8,5 kW
Power Supply	3/N/PE, 400 V, 50 Hz

20-11600E10

### Module ROTA



#### Technical data

Dimensions approx.	650 x 960 x 1785 mm
Weight	228 kg
Power	8,5 kW
Power Supply	3/N/PE, 400 V, 50 Hz

20-11600E20

### Module Bitumen Washing Unit



#### Technical data

Dimensions approx.	650 x 960 x 1785 mm
Weight	180 kg
Power	8,5 kW
Power Supply	3/N/PE, 400 V, 50 Hz

20-11604

## ACCESSORIES

### Closing Lid for Washing Chambers



20-1106

### Centrifuge Cup



20-0330

for collection of approx. 200 g Filler

20-0335

for collection of approx. 300 g Filler

### Washing Drum



20-1111

0.075 mm

20-1112

0.063 mm

### Test Case for Solvent Check



20-1190

### Stabilizer



20-1195

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# ASPHALT ANALYZER PURE

ALWAYS  
2 STEPS  
AHEAD!



### Asphalt Analyzer PURE

The analyzer PURE, the next step in the approved Asphalt Analyzer technology, is ready for the current extraction tasks in a new, space saving, machine design. Nowadays, more technical and physical knowledge is required for the design of bituminous mixtures like HMA, WMA or modified bitumen. Due to the use of glass, fibre glass, rubber or asphalt granules, the requirements for the extraction and determination of the mix design become manifold and more specific. The modular combination allows the standard extraction in half of the space of a standard Analyzer ECO, TOUCH or Rubber.

Two modules of the new Asphalt Analyzer PURE require the same space like a unit in the conventional design. The modular concept allows the combination as single, double, triple or quadruple unit, which can be extended in the future.

#### Control Panel

The User friendly Interface and Process Control center allows the control of all modules and functions in the innovative asphalt laboratory. The self explaining user interface assures the fully automatic extraction, separation of bitumen and cleaning of miscellaneous dirty glassware.

#### Technical Data:

Dimensions	1300 x 960 x 1785 mm (Modul PURE), further modules with device width: 650 mm
Power	8,5 kW
Power Supply	3/N/PE, 400V, 50 Hz
20-11600	

#### Advantages:

- ▶ Space saving design compared to existing analyzers
- ▶ New recovery system for a soft and economical solvent distillation
- ▶ New Control Concept with real time control for new extraction tasks
- ▶ Fully Automatic sample transfer to evaporation flask, ready for use in the rotary evaporator
- ▶ Modular extensions available:
  - » Module PG for extraction of modified bitumen with possibility to separate rubber particles from the minerals
  - » Module ROTA with integrated double Oil bath and automated solvent transfer from distillation
  - » Module Bitumen Washing for cleaning of glassware and small parts
- ▶ Useable Solvents: Tri, Per, Methylenchloride
- ▶ Double heating bath with multi-level temperature control



**Module Washing Chamber MODA**



**Fully Automatic Module ROTA**



**Washing chamber in the module bitumen washing machine**



**Sampling Unit of Module PURE**



**Module Washing Chamber PURE**



**Recovery in Module PURE**



#### Examples of User Interface

