

AREA 20 ASPHALT & BITUMEN

Mixing/Sample Preparation

Laboratory mixer 30 I

EN 12697-35 - for the production of asphalt mix samples from rolled and mastic asphalt up to a maximum grain size of approx. 31.5 mm.

The tight-fitting lid can be lifted by a motor for filling and emptying. The lid is equipped with a viewing window to monitor the mixing process. This can be replaced by the optionally available filling funnel 20-0160E10.

In addition, connections for adding inert gas or similar are provided in the cover. The powered mixing tank, made of stainless steel with constant speed and right/left switching, is equipped with electric heating and PID controller on the bottom and the side walls.

The mixing container can be tilted forwards using a motor to take samples. The specially shaped mixing tool with speed control is optimized for asphalt building materials.

Technical specifications

Dim. approx.	1015 x 1015 x 1490 mm
Power	12kW
Connection	3/N/PE, 400 V, 50 Hz
Weight approx.	515.00 kg
Mixing container capacity	30 l
Max. sample weight 7	5.00 kg
Mixing tool speed	25...60 rpm
Mixing vessel temperature	25...250° C

20-0160

Advantages:

- ▶ User-friendly display
- ▶ Controller guides you through the mixing process in German, English and French
- ▶ Message at process start/end and intermediate steps
- ▶ Optional torque measurement
- ▶ Two freely programmable mixing programs with automated menu navigation
- ▶ Display of the respective process steps

Laboratory mixer 30 I 60Hz

20-0160-60



Back-friendly emptying

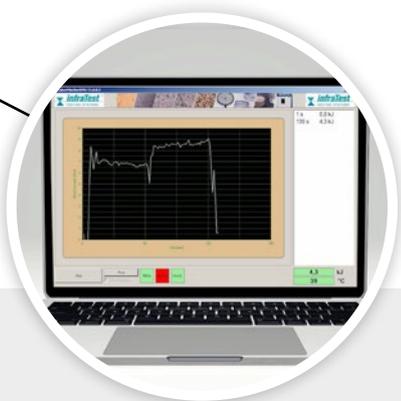




Device in emptying position



Device opened for filling



Optional torque measurement



ACCESSORIES

Laboratory mixer 30 l



Funnel attachment with insulated lid

Lid, interchangeable instead of the viewing window.



Technical data

Weight 6.20 kg

20-0160E10

Kit impeller laboratory mixer 30 l

Technical data

Weight 2.00 kg

20-0160E500

Additional device mixing torque

For determining the mixing torque that occurs during the mixing process. The force is measured via the rotatably mounted mixer drive and a load cell attached to a lever arm and displayed digitally. All measurement data can be read out via the interface. The device is only available in connection with a new device 20-0160.



Technical data

Weight 0.10 kg

20-0165