

## DATA SHEET

### Laboratory Digital Planetary Mixer



Laboratory asphalt mixer 76-B0702

#### General description

A robust device for the efficient mixing of asphalt mixes, this model is a table mounted unit with planetary mixing action and a bowl and whisk that are easily fitted and removed. The front grill, when opened, automatically stops the machine for operator protection conforming to CE requirements.

The machine is supplied complete with bowl and whisk.

The machine operates with a dedicated and easy to use display and keyboard interface. Mixing speed can be easily selected (also adjustable during mixing).

The digital planetary mixer can be used as part of your **Superpave performance based testing** program

#### Main features

- New mixing speed control system, granting a much wider range of speed: it is possible to set the right mixing speed to avoid the formation of dust while mixing.
- Whisk/Planetary speeds adjustable from 12/5 to 149/65 rpm, depending on the mix consistency.
- Continuously variable speed (VFD technology).
- Completely new interface with digital alphanumeric display 2x16 characters with keyboard control.
- Complete set of safety features, including emergency stop, steel safety grid and micro-switch preventing the machine to be started without bowl in position.
- Machine operated by a dedicated and easy to use inbuilt software.
- The mixer is supplied complete with bowl and heavy duty whisk.

#### Standards

- EN 12697-35

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### Specifications

Planetary speeds: user defined from 5 to 65 rpm

Whisk speed: user defined from 12 to 149 rpm

Bowl capacity: 5 litres

Alphanumeric display 2 x 16 characters

Power: 370 W

Overall dimensions: 465 x 540 x 620 mm (l x d x h)

Weight: 35 kg (approx.)



Laboratory asphalt mixer (76-B0702) complete with isomantle heater (76-B0702/HM)



Asphalt mixer whisk 76-B0702/6



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Isomantle heater for asphalt mixer 76-B0702/HM

### Products

#### 76-B0702

Digital laboratory planetary asphalt mixer, 5 liters capacity complete with mixing bowl and whisk. 230 V, 50-60 Hz, 1 ph

#### 76-B0704

Digital laboratory planetary asphalt mixer, 5 liters capacity complete with mixing bowl and whisk. 110V, 60 Hz, 1 Ph

### Accessories and consumables

#### 76-B0702/H

Heating mantle for asphalt mixer, 5 liters capacity series 76-B070x. 230V/50-60Hz/1F

#### 76-B0702/HZ

Heating mantle for asphalt mixer, 5 liters capacity series 76-B070x. 110V/60Hz/1F

#### 76-B0702/2

Spare stainless steel bowl for asphalt mixer, 5 liters capacity series 76-B070x

#### 76-B0702/6

Spare whisk for asphalt mixer, 5 liters capacity series 76-B070x and cement mixer series 65-L05xx

#### 76-B0702/9

Stainless steel mixing hook for asphalt mixer, 5 liters capacity series 76-B070x and cement mixer series 65-L05xx