

**LABORATORY MIXING****STANDARD: pr EN 12697-35**

This standard concerns the laboratory mixing of samples to be used for mechanical tests as for example compaction, indirect tensile, Marshall etc. The quantity must be related to the maximum aggregate size and batch size. The bituminous mix must be prepared at a prescribed temperature depending on the paving grade bitumen's within a time limited to reduce mechanical treatment of the aggregates. For this reason the mixers must be equipped with a thermostatically controlled heating and mechanical speed control.

**LABORATORY MIXERS****Standard planetary models**

All models are supplied complete with whisk. The bowls of the 5 and 10 litres models can be fitted with an isomantle electric heater. The 20 litres model 16-B0075 is fitted with gas heater. 110 V, 60 Hz and 220 V, 60 Hz models are available on order.

**16-L0005/B**

**Laboratory mixer 5 litres capacity.**  
230 V, 50 Hz, 1 ph.

**16-B0072**

**Laboratory mixer 10 litres capacity.**  
230 V, 50 Hz, 1 ph.

**16-B0075**

**Laboratory mixer 20 litres capacity.**  
380 V, 50 Hz, 3 ph.

Specifications	16-L0005/B	16-B0072	16-B0075
Capacity (litres)	5	10	20
Planetary speeds (r.p.m.)	62-125	8 positions from 50 to 150	10 positions from 50 to 150
Spindle speeds (r.p.m.)	140-285	10 positions from 115 to 400	10 positions from 180 to 540
Power (W)	120	370	736
Overall dimensions (mm)	570x340x580	570x340x585	730x610x1180
Weight approx. (kg)	38	32	128
<b>Accessories and spares</b>			
Spare bowl	16-L0005/2	16-B0072/6	16-B0075/1
Spare whisk	16-L0005/6S	16-B0072/8	16-B0075/6



## ISOMANTLE HEATERS

Used to heat the mixing bowl of 16-L0005/B (5 l cap.) and 16-B0072 (10 l cap.) mixers containing bituminous mixtures. They are fitted with an electronic temperature regulator and can be easily fitted to the machine bowls by two spring.

Two models available:

### ■ 16-L0005/HM

Isomantle heater for 16-L0005/B, 5 l cap. mixer

and

### ■ 16-B0072/HM

Isomantle heater for 16-B0072, 10 l cap. mixer



16-L0005/B with 16-L0005/HM

## Specifications

	16-L0005/HM	16-B0072/HM
Current spec.*	230 V, 50-60 Hz, 1 ph.	230 V, 50-60 Hz, 1 ph.
Power W	700	1200
Max. temp. °C	180	180
Overall dimension (dia. x h mm)	285x205	330x230
Weight approx. (kg)	5	16

110 V, 60 Hz models also available: ask for 16-L0005/HMZ and 16-B0072/HMZ



16-B0072/HM, 16-L0005/HM