SH/25300 & SH/25320

SH/25302

SH/25322

SH/25324

SH/25326

Shaker, orbital, large capacity Model 3020

A large capacity orbital shaker, for gentle motion or vigorous mixing of the most varying liquids. Even in continuous operation, thanks to its useful shaking amplitude and the option of adjusting its speed, this shaker performs well. The large capacity shaking tray not only accepts heavier loads, but also deep well microplates, which make this shaker indispensable in the growing of micro-organisms, cell and tissue cultures.

A number of accessory trays are available creating a versatile shaking set-up; the anodised aluminium perforated tray for instance accepts stainless steel clamps for Erlenmeyer flasks, these items, along with others are offered below.

The shaking platform is equipped with four support rods with screw-type clamps for secure attachment of glassware; a special rubber pad ensures a non-slip grip of objects on the shaking tray. The quiet running motor is microprocessor-controlled, adjustable in steps of 1.0 rpm with gentle start-up and provides constant speed during continuous operation, independent of load. The speed and remaining time are indicated by two LC displays.

This shaker is well-suited for use in laboratories, incubation rooms and moderating rooms in ambient temperatures between +10 °C and +50 °C.
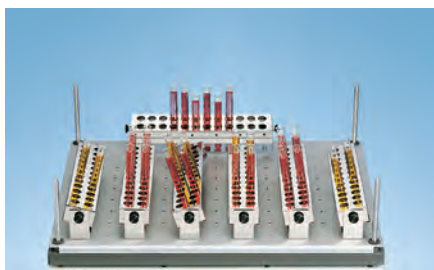
Technical Specifications

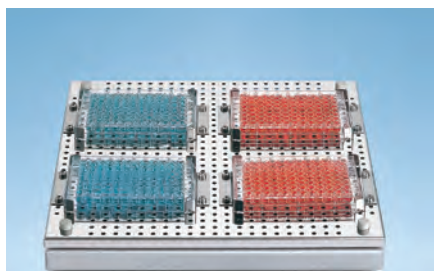|	
Moving platform:	676 x 540 mm
Max load.	30Kg
Shaking amplitude:	32mm
Shaking frequency without rack:	20 - 250 rpm
Shaking frequency with rack:	20 - 200 rpm
Timer	1 min – 99.59 hours, or continuous operation
Dimensions (WxDxH):	745 x 730 x 135 mm
Electrical requirement:	230V*
*Other voltages on request	

Cat. No.	Code	Description
SH/25300	3020	Large capacity orbital shaker
Accessories		
SH/25302	3980	Shaking tray made of 3-mm-thick anodised aluminium, 670 x 537 mm, with holes to accommodate clamps for Erlenmeyer flasks and accessories or equipment
SH/25304	3983	Clamps, stainless steel for 25 ml Erlenmeyer flasks, tray capacity 99
SH/25306	3984	Clamps, stainless steel for 50 ml Erlenmeyer flasks, tray capacity 99
SH/25308	3985	Clamps, stainless steel for 100 ml Erlenmeyer flasks, tray capacity 50
SH/25310	3986	Clamps, stainless steel for 200 ml Erlenmeyer flasks, tray capacity 26
SH/25312	3987	Clamps, stainless steel for 300 ml Erlenmeyer flasks, tray capacity 26
SH/25314	3988	Clamps, stainless steel for 500 ml Erlenmeyer flasks, tray capacity 26
SH/25316	3989	Clamps, stainless steel for 1000 ml Erlenmeyer flasks, tray capacity 12
SH/25318	3990	Clamps, stainless steel for 2000 ml Erlenmeyer flasks, tray capacity 9
SH/25320	3981	Rack frame for doubling the capacity by accommodating two shaking trays 3980; distance between trays - 205 mm. The bottom tray can be loaded with standard flasks up to a max. of 500 ml.
SH/25322	3982	Universal mount consisting of two longitudinal bars and six transverse bars, Screw-type clamps are used for adjusting the longitudinal bars vertically and transverse bars horizontally
SH/25324	3953	Stainless steel test tube rack; the perforated section can be tilted by 90° with clamping springs for secure grip and silent shaking of glasses; can be screwed onto shaking tray 3980 for a max. of 24 tubes, 12-17mm diameter Capacity of tray: nine test tube racks
SH/25326	3910	Stainless steel holding frame for 96 place deep well microplates for screwing on to shaking tray 3980, complete with attachment materials Capacity of tray 15 test plates