



06
ŞİMŞEK Labor Teknik

SAĞ. VE LAB. CİH. SAN. TİC. LTD. ŞTİ.

Ankara Merkez Sanayi Sitesi 537 Sok. No : 22-24 • İvedik / ANKARA • Tel: (0312) 395 24 84 - 395 24 85
Ostim V.D. 813 006 9397 • Ticaret Sicil No.: 114898 • Oda Sicil No.: 59/1395 • Fax: (0312) 395 24 86
www.simseklaborteknik.com.tr e-mail: info@simseklaborteknik.com.tr

SALLAYICI (Sahker) CİHAZI

Characteristics



A universal apparatus, with a very modest space requirement of only 39x32 cm and weighing only 9 kg, suitable for many applications in the laboratory. Like its larger brothers, the LABOTRON is designed for reliable continuous operation and maintenance-free use. It can also operate under the changing temperature conditions found in environmental cabinets or a CO2 incubator. The shaking table is designed for use as a universal tray. Therefore, this tray is equipped with a grid of threaded holes for screwing on any size of clamps and/or swivelling test tube racks. In addition, a size W (300x370 mm) adhering tray can be mounted on the table. On this tray, everything with a smooth bottom - like Erlenmeyer flasks or test tube racks - can be incubated without the need for mounting clamps.

Function

A powerful motor directly drives the centrally arranged flywheel, which also serves as a dynamic counterbalance. The flywheel is mounted on a single shaft. In addition, the shaking table is fitted on guiding elements to guarantee an exactly reproducible and vibration-free shaking motion. This shaking mechanism reduces the troublesome generation of heat to a minimum, whilst at the same time ensuring noiseless operation. With this arrangement, very few moving parts are required. The life of the machine is thereby considerably increased. The easy and stepless adjustment of shaking speed from 40 - 400 rpm is by means of a potentiometer.

Construction

The LABOTRON has a solid, impact-resistant and attractive housing. It consists of PIJ - thermoplastics and the shaking table is made of hardened plastics - thus, corrosion problems cannot occur. The machine is very easy to clean, whilst resisting abrasion and most chemical solvents. The shaker drive is lubricated with a special grease for long term operation and requires no servicing.

Technical Details

Shaking motion:	12.5 diameter throw
Shaking speed:	40 - 400 rpm
Ambient temperature:	4°C - 60°C
Ambient humidity:	up to 80% re. H.
Number of trays:	shaking table is built as a universal tray or accepts 1 tray type W (300x370mm)
Power supply:	230 V +- 10% 50-60 Hz
Power consumption:	less than 1 A
Dimension Drawing:	YM42682
Weight (without table):	approx. 9 kg

