

Power Pack with high safety standard



Powerpack with high safety standard Elution Shaker

Rotoshake is especially suited for the treatment of soil samples acc. to DIN 38414-part 4 respectively EN 12457-4. Thanks to a completely new drive mechanism, up to 12 x 2000 ml glass or plastic bottles can be handled easily in continuous operation.

Construction - Intelligent power transmission

The elution shaker is equipped with a unique roller drive with an extremely powerful and maintenance free motor. The rotating cylinder is kept on two robust rollers with guide way only due to its self-weight. This perfect power transfer ensures an even and silent rotation even when it is loaded unbalanced. Thus, you can shake various types of bottles with different weights simultaneously. Rotoshake can be used in any laboratory for continuous operation with heavy loads without any problems.

Safety - demands to a certified laboratory

All moving parts are protected behind the protective hood, which is closing off the instrument. This hood is linked to a safety switch. As soon as the protective hood is lifted off, the rotation is stopped automatically. This feature offered by Gerhardt is far more than any national or international safety standard for laboratories is asking for.

Convincing Arguments

- Protective hood ensures a very high safety standard
- Steady rotation even with unbalanced load
- Robust roller drive with an extremely powerful motor
- Different sizes of bottles can be used in only one rotation cylinder
- Easy handling of loading and de-loading: the rotation cylinder stops automatically in the respective position
- Shaker can take up to 12 x 2000 ml bottles
- Easy exchange of rotating cylinder
- As an option, various sizes of rotation cylinders are available
- Up to 9 programs can be stored and called up again

Get more information

Order No. 4750

Nominal Voltage: 100 - 240 V AC, 50-60 Hz

RPM: 1 - 20 min⁻¹

Time program: 99 h, 59 min, 59 s or infinite

Programs: 9

Max. load: ca.42 kg

Max. number of bottles: 12 x 2000 ml glass or plastic

Interface: 2 x RS 485

Dimensions (W x D x H) mm: 600 x 760 x 890

Weight: ca. 75 kg (without bottles)