

LABOSHAKE HEAVY-LOAD SHAKER



Shaker LS500
+ Universal plate + Holder for separatory funnels

Sturdy, reliable laboratory shaker in tried and tested C. Gerhardt quality, with linear or circular motion, for all shaking tasks in chemical, biological or microbiological laboratories.

Equipped with the comprehensive range of accessories, the mechanical shakers meet the most stringent requirements in research laboratories.

Scope of delivery LABOSHAKE Basic apparatus

4 vertical rods for attaching accessories

Instruction manual

LABOSHAKE LS/RO

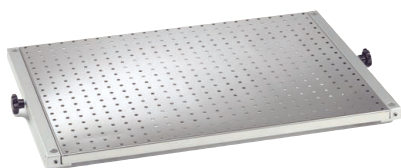
Type	LS 500	RO 500
TECHNICAL DATA		
Motion	linear ↔	circular ↻
Programs	9	9
Time program [h, min, s]	99, 59, 59 and infinite	99, 59, 59 and infinite
Speed frequency [min ⁻¹]	0 and 20 - 200	0 and 20 - 200
Amplitude [mm]	50	50
Maximum load [kg]	30	30
Nominal voltage [V]	230 / 115	230 / 115
Frequency [Hz]	50 - 60	50 - 60
Wattage [W]	80	80
Weight [kg]	28	28
Dimensions shaking platform W x D [mm]	540 x 380	540 x 380
Dimensions W x D x H [mm]	610 x 510 x 120	610 x 510 x 120
RS-485 interface	2	2
DELIVERS		
LABOSHAKE Basic apparatus	1 x	1 x
Vertical rod 150 mm (for attaching accessories)	4 x	4 x
Mains cable	1 x	1 x
Instruction manual	1 x	1 x
ORDER INFORMATION		
LABOSHAKE, Version 230 V	11-0001	11-0002
LABOSHAKE, Version 115 V, 60 Hz	11-0009	11-0010

ACCESSORIES

Make sure to use only original C. Gerhardt spare parts in order to obtain optimum operating ability. These parts have been tested thoroughly for the operation with LABOSHAKE in the C. Gerhardt application lab.

UNIVERSAL PLATE

Stainless steel plates with drill pattern for fastening clip racks, separating funnels and flasks. The plates are simply slid in from the front and fastened at the sides. Suitable for all shaker models.



TB50

Order No.	Type	Description
11-0030	TB 50	Universal plate for LABOSHAKE and THERMOSHAKE 500 x 375 mm with 19 x 25 = 475 drillings Magnetic stainless sheet steel, also suitable for applying magnetic holders.

CLIP RACKS FOR ERLENMEYER FLASKS

Any number of clip racks TK for Erlenmeyer flasks from 25 ml to 2000 ml can be mounted on the universal plates.

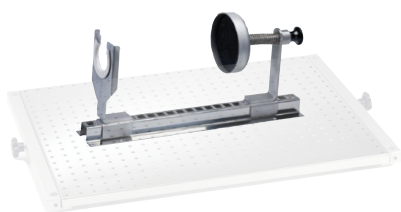


TK50 - TK250 - TK500

Order No.	Type	for flasks	max. clip racks on TB 50
11-0038	TK25	25 ml	54 Stk.
11-0039	TK50	50 ml	48 Stk.
11-0040	TK100	100 ml	33 Stk.
11-0041	TK250	250 ml	20 Stk.
11-0042	TK500	500 ml	12 Stk.
11-0043	TK1000	1000 ml	8 Stk.
11-0044	TK2000	2000 ml	5 Stk.
11-0045	TK3000	3000 ml	4 Stk.
11-0046	TK4000	4000 ml	4 Stk.

HOLDERS FOR SEPARATING FUNNELS OR BOTTLES

The universal plates can be used for attaching HS holders for separating funnels or HF holders for flasks to variably equippable support rails.

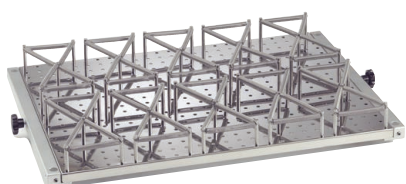


HS5

Order No.	Type	Description
11-0036	HS5	Holder for separatory funnels 500, 1000 or 2000 ml with support rail 490 mm length
11-0037	HF5	Holder for bottles with max. 75 mm Ø with support rail 490 mm length

FINISHED PLATE

Like universal plates but permanently fitted with pins and stainless steel springs for holding Erlenmeyer flasks. Suitable for all shaker models.



TB52

Order No.	Type	Description
11-0031	TB51	Finished plate for 30 Erlenmeyer flasks 50 - 100 ml
11-0032	TB52	Finished plate for 20 Erlenmeyer flasks 200 - 300 ml

TIERED ATTACHMENTS

Easy-to-assemble kit for space-saving simultaneous shaking of 2 or 3 plates. Can take up either TB51 and TB52 finished plates or TB50 universal plates equipped as desired for shaking Erlenmeyer flasks.



LS500 + EA3 + 3xTB52

Order No.	Type	Description
11-0033	EA3	Three storey frame for 3 plates as desired suitable for LABOSHAKE, consisting of: 4 vertical rods 460 mm, Order No. 1000631 8 spacer rods, Order No. 1000424 2 diagonal strut, Order No. 1000682 incl. fastening material
11-0034	EA2	Two storey frame for 2 plates as desired, suitable for LABOSHAKE and THERMOSHAKE, consisting of: 4 vertical rods 250 mm, Order No. 1000425 4 spacer rods, Order No. 1000424 1 diagonal strut, Order No. 1000682 incl. fastening material

UNIVERSAL ATTACHMENTS

Fastening bars and clamping rolls which can be easily attached to the vertical rods on the shaker at the desired height. The clamping rolls, covered with Neoprene cushioning, then run between these two bars thus allowing a wide range of vessels to be safely attached.



LS500 + UA5



Fastening bars UB25

Fastening bars UB50

Clamping rolls US50

Clamping rolls US25

Order No.	Type	Description
11-0020	UA5	Universal attachment set for LABOSHAKE, consisting of: 2 x fastening bars UB 50, longitudinal and 3 x clamping rolls US 25, transverse
11-0022	UA5/3	Universal attachment set for LABOSHAKE, similar to UA5, but suitable for storey frame EA3, consisting of: 2 x fastening bars UB 50, longitudinal and 3 x clamping rolls US 25, transverse
		also available as single items:
11-0026	UB25	Fastening bar 375 mm, transverse
11-0027	UB50	Fastening bar 545 mm, longitudinal
11-0028	US25	Clamping roll 375 mm, transverse
11-0029	US50	Clamping roll 545 mm, longitudinal