

## MICRO-PLATE SHAKERS

PROVIDE:

- ROTARY SHAKING-ACTION
  - \* 50-1250 RPM
  - \* 4 MM AMPLITUDE
- GENTLE SHAKING-ACTION FOR CULTURE- AND CELL-WELLS
- STRONG SHAKING-ACTION FOR EPPENDORFTUBES AND MICRO-TITRE-PLATES
- COUNTER-BALANCED SHAKING FOR MOST STABLE ACTION, EVEN AT HIGHEST SPEED/LOADING
- MICRO-PROCESSOR CONTROLLED WITH DIGITAL INDICATION OF "SET/ACTUAL" SPEED
- DIRECT-DRIVE DC-MOTOR PROVIDES HIGH TORQUE FOR EXCELLENT START CAPACITY AND ENERGY EFFICIENCY



## MICRO-TITRE-PLATE-SHAKERS



### MODEL LD-450

Complete with holder for the adaption of four micro-plates

DIMENSIONS: L x D x H      Weight  
240 x 250 x 150 mm      4,5 Kg.

ORDERING      230V/50/60 Hz      45000  
LD-450:      115V/50/60 Hz      45010



### CELL-WELL-SHAKER MODEL LD-453

Complete with holder for easy adaption of four covered multi-well-plates

DIMENSIONS: L x D x H      Weight  
240 x 250 x 175 mm      4,7 Kg.

ORDERING      230V/50/60 Hz      45300  
LD-453      115V/50/60 Hz      45310



### MODEL LD-452

Complete with holder for the adaption of eight micro-plates

DIMENSIONS: L x D x H      Weight  
240 x 250 x 175 mm      4,7 Kg.

ORDERING:      230V/50/60 Hz      45200  
LD-452:      115V/50/60 Hz      45210

### REACTION-VIAL SHAKER MODEL LD-454

Complete with holder and four trays for shaking 4x20 eppendorftubes (1,5 ml)

DIMENSIONS: L x D x H      Weight  
240 x 250 x 175 mm      4,7 Kg.

ORDERING      230V/50/60 Hz      45400  
LD-454      115V/50/60 Hz      45410

### POLYTHENE TRAYS (5/pkg) (To be ordered additional)

CAT. NO.	TUBE DIAM	VOLUME
45420	9-12 mm	1,5 ml
45421	6 - 9 mm	0,5 ml
45422	4 - 6 mm	0,4 ml



## VIBRO SHAKERS

PROVIDE:

- ROTARY SHAKING-ACTION
  - \* 50-999 RPM
  - \* 4 MM AMPLITUDE
- GENTLE SHAKING-ACTION FOR CULTURE AND STAINING
- STRONG SHAKING-ACTION FOR EXTRACTION
- COUNTER-BALANCED SHAKING FOR MOST STABLE ACTION, EVEN AT HIGHEST SPEED/LOADING
- MICRO-PROCESSOR CONTROLLED WITH DIGITAL INDICATION OF "SET/ACTUAL" SPEED
- DIRECT-DRIVE DC-MOTOR PROVIDES HIGH TORQUE FOR EXCELLENT START CAPACITY AND ENERGY EFFICIENCY



### GENERAL SHAKER MODEL LD-427 (See above)

With platform 20 x 40 mm, complete with rubber non-slip layer.

**DIMENSIONS:** L x D x H      Weight  
420 x 250 x 140 mm    4,5 Kg.

**ORDERING:** DIGITAL: 42700  
220V50 Hz    ANALOG: 42710

#### INTERCHANGEABLE ATTACHEMENTS

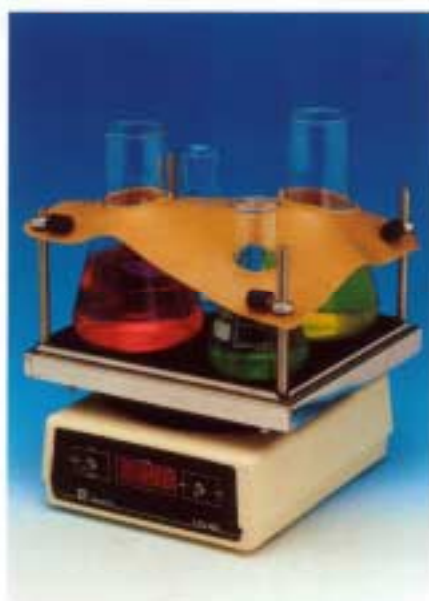
- For test-tubes                    no. 40020
- For round bottom flasks no. 40021
- For erlenmeyer flasks    no. 40023
- General platform            no. 40027

#### TRAYS for TEST-TUBES (Ethylene)

CAT. no.	No. tubes	Diam. mm.	CAT. no.	No. tubes	Diam. mm.
42008	4x32	7-9	42018	4x15	17-19
42010	4x32	9-11	42020	4x15	19-21
42012	4x32	11-13	42024	4x8	21-26
42014	4x24	13-15	42028	4x8	26-30
42016	4x24	15-17	42032	4x8	30-34



- Analog controlled shakers are also available.
- Accessory attachments are quick interchangeable and can be ordered separately.
- For ordering: see numbers at specific description.



### FLASK-SHAKER MODEL LD-421 (See above)

Complete with attachment for 4 flasks up to 500 ml each.

**DIMENSIONS:** L x D x H      Weight  
420 x 250 x 140 mm    5,9 Kg.

**ORDERING:** DIGITAL: LD-42100  
220V50 Hz    ANALOG: L-42110

### ERLENMEYER-SHAKER MODEL: LD-423 (See besides)

Complete with attachment for erlenmeyers up to 500 ml.

**DIMENSIONS:** L x D x H      Weight  
230 x 250 x 225 mm    5,6 Kg.

**ORDERING:** DIGITAL: LD-42300  
220V50 Hz    ANALOG: L-42310



### TEST-TUBE SHAKER MODEL LD-420

(see besides)

Complete with attachment for 4 ethane holders for test-tubes (holders are not included)

**DIMENSIONS:** L x D x H      Weight  
240 x 250 x 175 mm    4,5 Kg.

**ORDERING:** DIGITAL: LD-42000  
220V50 Hz    ANALOG: L-42010