

INSTRUMENTS

- 260. Rocker Vaccum Pump
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260 Rocker Vacuum Pump

Rocker Vacuum Pump are Oil Free & is powered by Piston Comes with Moisture Trap & Vacuum regulator Suitable for Liquid Filtration & also appropriate for stack or ambient Gas sampling

NEW SIZES

Code	Model	Packing
2600300	Rocker 300	1
2600400	Rocker 400	1
2600410	Rocker 410	1
2600430	Rocker 430	1
2600801	Rocker 801	1
2600811	Rocker 811	1



Do Not Use any Corrosive chemicals like Acids, Alkalies & Organic Air See that No material or Liquid sucks down the pump which can cause serious damage to the pump.

- Light & Compact Because Of Aluminium Die Cast Body
- Free Of Air Pollution, No Lubricants
- Clean & Maintenance Free, Safe
- Good For Liquid Filtration In Microbiology
- Good For Suspended Solid Test & Air Sampling



Specification	Rocker 300	Rocker 400	Rocker 410
Power	220V / 50hz	220V / 50hz	220V / 50hz
Max Power (W)	60 W	80	80
Max Vacuum	-670mm/Hg	-680mm / Hg	-735mmHg
Max Flow Rate	181/min	341 / min	201 / min
Motor Rotation	1450 RPM	1450 RPM	1450 RPM
Horse Power	1/8 HP	1/6 HP	1/6 HP
Net Wt	5 Kg	5.2 kg	5.2 Kg
Port Thread	5/16" (8mm)	5/16" (8 mm)	5/16" (8mm)
Noise Level	50 db	52 db	52 db
Dimension (L X W X H)	26.8 x 13.5 x 20.4 cm	31 x 13.5 x 20.4 cm	31 x 13.5 x 20.4cm

Rocker is Brand Name of Rocker Scientific Co. Ltd - Taiwan

261 Rocker Oil Free Air Compressor

Rocker Compressor are Oil Free & is powered by Piston
 Suitable for agitation in Ferment Tank, Aeration Test
 & Bubble Test

NEW SIZES

Code	Model	Packing
2610320	Rocker Compressor 320	1
2610420	Rocker Compressor 420	1
2610440	Rocker Compressor 440	1

- Light & Compact Because Of Aluminium Die Cast Body
- Free Of Air Pollution, No Lubricants
- Clean & Maintenance Free, Safe



Specification	Rocker 300	Rocker 400	Rocker 410
Max Power (W)	85 W	125 W	125 W
Max Current (A)	04. A	0.6 A	0.6 A
Max Pressure	100 psi (W/O Moisture Trap)	100 psi (W/O Moisture Trap)	40 psi (W/O Moisture Trap)
	80 psi (With Moisture Trap)	80 psi (With Moisture Trap)	60 psi (With Moisture Trap)
Max Flow Rate	12 l/min	25 l/min	25 l/min
Motor Rotation	1400 RPM	1400 RPM	1400 RPM
Horse Power	1/6 Hp	1/6 Hp	1/6 Hp
Noise Level	52 db	52 db	52 db
Port Thread	5/16" (8mm)	5/16" (8mm)	5/16" (8mm)
Net Weight	4.1 Kg	5.2 Kg	8.4 Kg
Dimensions	27.2 x 13.6 x 16.5 Cm	29.8 x 14.3 x 17.2 cm	29.3 x 31.1 x 25.1 cm

Rocker is Brand name of Rocker Scientific Co. Ltd. (Taiwan)

262 Chemker Chemically Inert Vacuum Pump

All wetted parts are made of PTFE to resist corrosive gas Driven by Diaphragm makes it lubricant/pollution & maintenance free. Motor is driven w/o Belt Transmission making the lowest noise level compare to other Vacuum Pumps With Built-in Thermal Protection the pump shut offs automatically when Overheated & Turns ON when temperature cools down Can be used with Gel Drying, Vacuum Concentrators, Vacuum Ovens, Distillation & Rotary Evaporation Instruments

NEW SIZES

Code	Model	Packing
2620300	Chemker 300	1
26220400	Chemker 400	1
2620410	Chemker 410	1



Run the Pump for atleast 2 mints after the operation to draw clean Air, this will help to prolong the Pump Life.

- Light Weight & Compact. Diaphragm
- makes it Corrosive gas resistance
- Oil & Maintenance Free



Specification	Rocker 300	Rocker 400	Rocker 410
Power	220V / 50hz	220V/ 50hz	220V / 50hz
Max Power (W)	60 W	90 W	90
Max Current	0.32 A	0.5 A	0.5 A
Max Vacuum	-670MM/Hg	-670mm /Hg	-750 mmHg
Max Flow Rate	181 / Min	33 1/min	181/min
Motor Rotation	1450 RPM	1450 RPM	1450 RPM
Horse Power	1/8 HP	1/6 HP	1/6 HP
Net Wt	5 Kg	7 Kg	7 Kg
Port Thread	5/16" (8mm)	5/16" (8 mm)	5/16" (8 mm)
Noise Level	50 db	50 db	50 db
Dimension (L X W X H)	20.3 x 11.2 X 20.9 Cm	26.7 x 11.2 x 18.1 Cm	26.2 x 14.8 x 18.2 Cm

Chemker Series of Products belongs to Rocker Scientific Co. Ltd (Taiwan)

263 Rocker Vane Vacuum Pump with Mosit Filter

This Pump has High vacuum & high Flow rate Tanker Series are driven by Rotary Vane with High Flow. Vacuum can reach over 0.1 Torr Suitable for Labs that needs High/Medium volume & vacuum for drying & Centrifugal Concentrators

NEW SIZES

Code	Model	Packing
2630130	Tanker 130	1
2630150	Tanker 150	1
2630215	Tanker 215	1

- Light Weight & Compact. Lowest Vibration
- Best For High Volume & High/Medium Vacuum Application



Specification	Rocker 300	Rocker 400	Rocker 410
Power	220V / 50hz	220V / 50hz	220V / 50hz
Max Power (W)	250 W	375 W	250 W
Max Current	2.5 A	3 A	3.5 A
Max Vacuum	0.1 Torr	0.1 Torr	0.05 Torr
Max Flow Rate	70 L/min	127 L/min	36 L/min
Motor Rotation	1440 RPM	1440 RPM	1440 RPM
Horse Power	1/3 HP	1/2 HP	1/3 HP
Net Wt	9.6 Kg	13 Kg	11.4Kg
Port Thread	3/8" (9.5mm)	3/8" (9.5mm)	3/8" (9.5mm)
Noise Level	52 db	52 db	52 db
Dimension (L X W X H)	31.4 x 12.2 x 25.6 cm	33.5 x 12.5 x 37.5 Cm	31.5 x 12.2 x 36 Cm

Rocker is Brand name of Rocker Scientific Co Ltd. (Taiwan)



Rocker 430



Chemker 410



Rocker 440

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Vortit - Vortex Shaker

Small footprint and compact structure

Touch function

Fixed speed of 3000rpm

Orbital diameter of 5.5mm

Patented design of foot pad can hold the vortex mixer firmly in place when in mixing

Full containers of 50ml can be activated for mixing within 5 seconds

Power supply has been CE, cULus, CCC, SAA, FCC and GS certified

Code	Description	Packing
158000V	Vortit KB01 with Speed Control	1

Specification	
Model	158000V
Rated voltage (V AC)	100-240
Rated frequency (Hz)	50-60
Output voltage (V DC)	12
Output Power (W)	7.2
Speed (1/min)	3000
Operating time (%)	100
Protection class	II
EN 60529 protection class	IP 42
Ambient humidity (relative) (%)	80
Ambient temperature (°C)	-25 to +70
Transport temperature (°C)	-10 to +70
Weight (kg)	0.55
Test tube size (mm)	e30
Dimensions (mm)	100 x 78
Type of movement	Orbital
Orbital diameter [mm]	5.5
Touch function	Yes



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Fugit - High Speed Centrifuge - 15000RPM

LED easy-to-read display and sound alerts

Powerful centrifugal force of 15100 x g and Max. speed of 15000rpm

Brushless DC motor

High speed accuracy of + 20rpm

High safety and reliability thanks to motor-driven lid locking system

Explosion-proof and enclosed steel structure for full protection

Dedicated digital wheels to adjust speed and timing

Both RPM and RCF can be adjusted and displayed

Both aluminum alloy and plastic rotor available and rotor capacity : 1.5/2.0/0.2/0.5ml x 12

Continuous operation or timed operation from 30 seconds to 999 minutes

Automatic lid open upon running completion

Timer starts when the unit reaches the set speed

PULSE offers quick spins

Code	Description	Packing
163000C	Fugit-High Speed Micro Centrifuge	1

Specification	
Model	163000C
Max.speed [rpm]	15000rpm (500-15000rpm),increment:100rpm
Max. RCF [xg]	15100xg, increment:100xg
Speed accuracy [rpm]	±20rpm
Rotor capacity	0.2ml/0.5ml/1.5ml/2mlx12
Run time	30sec-999min-HOLD (Continuous operation)
Driving motor	Brushless
Safety devices	Door interlock, Over-speed detection: Over-temperature detection; Automatic internal diagnosis
Power	Single-phase,AC110V-240V,50Hz/60Hz,3A
Noise level [dB]	≤ 60
Acceleration/Braking time [Sec]	25s á 25s á
Dimensions [mm]	256 x 225 x 155
Weight	6kg
Additional features	Speed/RCF switch; Short-time run function; sound-alert function
Orbital diameter [mm]	5.5
Touch function	Yes



Specification	
Model	18500MS
Rated voltage (V AC)	100-240
Rated frequency (Hz)	50-60
Output voltage (V DC)	12
Output Power (W)	Min.3
Magnetic stirrer	coil drive
Speed range (rpm)	150-1500
Stirred quantity (max) (ml)	800
Operating time (%)	100
Protection class	II
Pollution degree	2
Overvoltage category	II
EN 60529 protection glass	IP 65
Ambient humidity (relative) (%)	80
Ambient temperature (*C)	5 to 40 (in the operation)
Transport temperature (*C)	-25 to +70
Storage temperature (*C)	-10 to +70
Material	Front members sheet polyester
Weight (kg)	0.35
Installed weight (max) (kg)	2
Set-up surface (mm)	e100
Dimensions (W x D x H) (mm)	115 x 175 x 12

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STIRRIT - Mini Flat Magnetic Stirrer

Features : Speed range of 150-1500 rpm.

High IP protection class (IP 65).

Automatic reverse rotation for better mixing performance.

Set-up plate and casing made from chemically resistant materials.

Slip-proof and stable stand

Code	Description	Packing
18500MS	STIRRIT - Mini Flat Magnetic Stirrer	1



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“FUGEIT” Mini Centrifuge 7200 RPM

Mini In size & Max in Function
Easy Operation (No Switch to mess with)
Interchangeable Tube & PCR Strip Tube Rotors
Simply Close the lid to start & press the Tab to open
Starts & stops in seconds
Maximum Centrifuge speed 7200 RPM

Code	Packing	Price / Pack
1977200	1	12100

Parameters

Maximum speed 7200 rpm
 Maximum RCF : 2350 X g
 Capacity/Rotors: Total 2 roators : 1 for 1.5ml X 6 tubes & 1 for 8 strip X 2
 Dimensions : W X D X H 142 X 150 X 102 MM
 Weight : 1.5 Kg
 Electrical : 85~245 V

Suffix “B” after code for bulk pack



198 "FUGEIT" Mini Centrifuge 10000 RPM

Model : "Spinning"

Micro processor controlled, Micro-Centrifuge machine
(Mini Centrifuge) speed 1000 to 10000 r.p.m.

Technical Specifications

R.P.M. in step of 1000 rpm. Fitted with 0-15 minute electronic digital timer. Supply completed with 2 standard rotors means

- (i) 6 micro centrifuge of 1.5ml capacity
- (ii) 12 micro centrifuge tubes of 0.5ml capacity

To work on 220 volts 50 Hz AC.

Code	Packing
19810000	1

Spare Rotor at extra cost:

Code	Capacity
SSEPL/198/01	6 x 1.5ml.tubes
SSEPL/198/02	12 x 0.5ml.tubes

Technical Data

Size R.P.M.	Weight RCF (x g)	Size R.P.M.
1000	56	6000
2000	223	7000
3000	503	8000
4000	894	9000
5000	1396	10000



199 “VORTIT” Vortex Shaker

Solid & strong construction

Heavy metal base & rubber feet shuns movement of the shaker during operation

Choice of nonstop & touch mode

Changeable speed control

Maximum speed 3000 RPM

Contains one hand insert, micro tube insert & cup attachment

Code	Packing
1993000	1

Spare Rotor at extra cost:

Description	Packing
Spare cup attachment	1
Spare one hand attachment	1
Spare one hand insert	1
Spare Micro tube insert	1



211 Dancing Shaker (Gel Rocker)

Salient Features

Polished stainless steel Platform & Digital Cut-Off Timer (0-60min)

Non-Slippery Mat & the system can run continuously without activating the Timer

PMDC Geared Motor with noise free operation

Switches On automatically during power malfunctions

Technical Specifications

Code	Model	Input Voltage	Timer	Platform Size	Rocking Stroke	Pack
2110001	Mono-Timer	230 V, 50 Hz	0-60 mins	250 x 250 mm	1 to 60	1

