

CHEMICAL RESISTANT VACUUM PUMP

- ▶ 100 % oil-free transfer
- ▶ Pure transfer, evacuation and compression
- ▶ TFM™ PTFE pump head combined with PTFE-coated diaphragm are ideal for extremely aggressive/corrosive gases and vapors.
- ▶ ATEX-compliant in accordance with ATEX II 2G IIB+H2 T3X internal atmosphere only
- ▶ Maintenance-free
- ▶ Gas tight, leakage rate approx. 6×10^{-3} mbar x l/s

Specification:

| | |
|-------------------------------------|--------------------------|
| Delivery: | 20 l/min |
| Vacuum: | 8 mbar abs. |
| Operating pressure: | 1 bar |
| Connectors for tube: | ID 10 mm |
| Permissible media and ambient temp: | +5...+40°C |
| Weight / Dimensions WxHxD: | 9,3 kgs / 154x207x312 mm |



| Code | Description |
|-------------------|--|
| KNF 309577/026366 | KNF LABOPORT® Diaphragm Vacuum Pump N 820.3FT.18, 220 V, 50 Hz, Pump head: TFM™ PTFE, Diaphragm: PTFE-coated, Valves: FFPM |
| KNF 309577/029163 | Idem, 220 V, 60 Hz |
| KNF 309577/027170 | Idem, 115 V, 60 Hz |

The above pumps are suitable for our Rotary Evaporator RVO 400 SD

BOECO VACUUM PUMPS R-300, R-400

are piston-powered, oil-free vacuum pumps, adaptable to many laboratory requirements.

- ▶ quiet and low vibration
- ▶ Compact and light weight
- ▶ Oil free and Maintenance-free

| Specification: | R-300 | R-400 |
|----------------|----------------------|----------------------|
| Max. vacuum: | 670 mm Hg | 670 mm Hg |
| | 50 Hz 60 Hz | 50 Hz 60 Hz |
| Max flow rate: | 17 l/min 20 l/min | 34 l/min 37 l/min |
| Horse power: | 1/8 HP | 1/6 HP |
| Pole: | 4 P | |
| Net weight: | 4,1.kg | 6,2 kg |
| Port thread: | 5/16 inch (8 mm) | |
| Noise level: | 50 db | |



R-300



R-400

| Code | Description |
|-------------|---|
| BOE 8830000 | BOECO R-300 vacuum pump 220-240 V, 50/60 Hz |
| BOE 8830100 | BOECO R-300 vacuum pump 110-120 V, 60 Hz |
| BOE 8840000 | BOECO R-400 vacuum pump 220-240 V, 50/60 Hz |
| BOE 8840100 | BOECO R-400 vacuum pump 110-120 V, 60 Hz |

BOECO VACUUM / PRESSURE PUMP R-430

Specification: R-430

| | |
|-----------------|--|
| Max. vacuum: | 630 mm Hg |
| Max. pressure: | 80 psi |
| | 50 Hz 60 Hz |
| Max flow rate: | 28 l/min 34 l/min |
| Motor rotation: | 1450 rpm 1700 rpm |
| Horse power: | 1/6 HP |
| Pole: | 4 P |
| Net weight: | 5,5 kg |
| Port thread: | 5/16 inch (8 mm) |
| Noise level: | 52,0 db |



R-430

| Code | Description |
|-------------|---|
| BOE 8843000 | BOECO R-430 vacuum pump 220-240 V, 50/60 Hz |
| BOE 8843100 | BOECO R-430 vacuum pump 110-120 V, 60 Hz |

MINI DIAPHRAGM VACUUM PUMPS

are dry-running diaphragm Vacuum Pumps, adaptable to many laboratory requirements.

- ▶ 100 % oil-free transfer
- ▶ Pure transfer, evacuation and compression
- ▶ Maintenance-free
- ▶ Environmentally friendly
- ▶ High level of gas tightness

Specification N 86.KN.18:

single head

| | |
|-----------------------------------|---------------------------|
| Delivery: | 6 l/min |
| Vacuum: | 100 mbar abs. / 684 mm Hg |
| Pressure: | 2,4 bar |
| Connectors for tube: | ID 4 mm |
| Permissible gas and ambient temp: | +5...+40°C |
| Motor protection: | IP 20 |
| Weight: | 1,9 kgs |
| Dimensions LxHxB: | 164x141x90 mm |



N 86.KN.18

| Code | Description |
|-------------------|--|
| KNF 046208/046242 | KNF LABOPORT® Diaphragm Vacuum Pump N 86.KN.18, 220 V, 50 Hz, Pump head: PPS, Diaphragm: EPDM, Valves: FPM |
| KNF 046208/046948 | Idem, 220 V, 60 Hz |
| KNF 046208/046241 | Idem, 115 V, 60 Hz |

Options:

| | |
|------------|------------------------------------|
| KNF 001787 | Fine control valve (suction side) |
| KNF 001786 | Fine control valve (pressure side) |

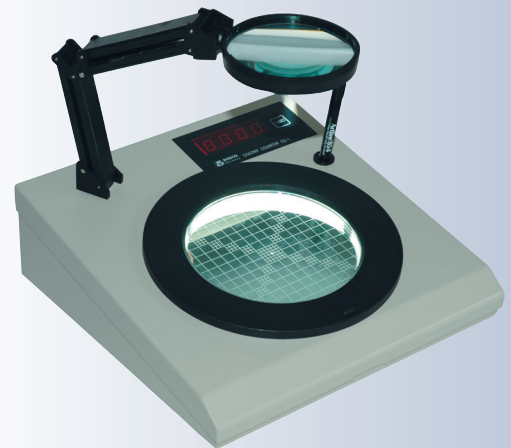
BOECO COLONY COUNTER CC-1

is suitable for counting bacteria growing on agar contained Petri dishes. Built-in electronic register, operated by any pen. Every time a count is registered the beeper gives an audible signal to verify entry. The pressure sensor system provides uniform sensitivity over the whole of working field.

A reset button provides immediate zeroing of the 4-digit counter
Flexible adjuster accepts 10 cm to 15 cm petri dishes
The adjustable focusing arm allows the 1,5x magnifying glass to be placed at various angles of working position.
The background plate can be changed to white or black for easy counting.
Ring-shaped lamp provides uniform working field illumination.
The number of counts is capable of being registered to maximum of 4-digits i.e. 9999 and displayed on bright red LED.

Specification:

| | |
|--------------------|--|
| Working Principle: | Pressure sensor system provides uniform sensitivity over the whole working field |
| Readout: | 4-digit bright red, 0,6" LED display |
| Modes of Counting: | Marking pen counting (any pen) |
| Dimension: | 30 x 33 x 10 cm (W x D x H) |
| Power: | 115 / 230 VAC, 50/60 Hz |
| Net Weight: | 5 kgs. |



CC-1

| Code | Description |
|-------------|--|
| BOE 5157000 | Colony Counter CC-1, with 1,5x standard lens, adjustable focusing arm, marking pen, power cord |