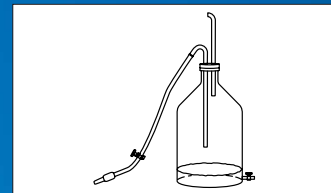


Applied Vacuum Technology for Cell Culture



HAND HELD PIPETTOR FOR ASPIRATION STATIONS



1475K-10

- Quick pipette/manifold adaptation
- Precise vacuum control button
- Ergonomic design lessens strain
- Solution contact surfaces autoclaveable

CONTROL YOUR ASPIRATION APPLICATION WITH EASE.

The handheld pipettor system (1475K-10) provides pressure sensitive button control and enables quick conversion for aspiration from a variety of vessel formats. An adjustment screw allows you to set the right residual suction to prevent drippage during pipette use; closing the adjustment screw stops all residual vacuum. Single channel and four and eight channel stainless steel manifold adapters work well with a wide range of liquid media. The single and eight channel disposable tip adapters include a convenient tip ejector. Also for use with standard volumetric pipettes. The entire unit is autoclaveable and disassembles easily for cleaning.

Ordering Information for Aspiration Accessories

Description	Model	Image
Handheld pipettor with 1 channel stainless steel 40 mm aspiration adapter and Pasteur pipette adapter	1475K-10	A
Adapter, stainless steel tip, 40mm	1475K-01	B
8-channel adapter, stainless steel	1475K-02	C
1-channel adapter for disposable tips, w/o ejector	1475K-03	D
Rubber adapter for Pasteur pipettes	1475K-04	E
8-channel adapter for disposable tips, with ejector	1475K-05	F
Adapter, stainless steel tip, 150mm	1475K-06	H
4-channel adapter, stainless steel tips, 40mm	1475K-07	I
Adapter, stainless steel tip, 280mm	1475K-08	J
1-channel adapter for disposable tips, with injector	1475K-09	K
Spare receiver kit-Includes: 6 ft tubing, 1.2L autoclaveable jar w/ lid and two hydrophobic filters	1475K-20	L
Replacement hydrophobic filters (10)	1475K-21	M
Momentary on/off foot switch w/ IEC connections, 90-230V, 50/60Hz	1430C	N
Momentary on/off foot switch 115V/60Hz	1430B	N

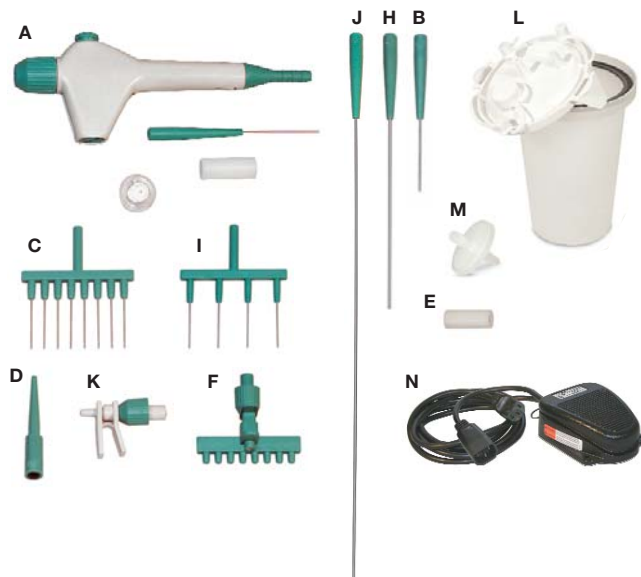
ECONOMICAL SOURCE OF AIR FOR AERATION



2430

- Rugged and durable for continuous operation
- Portable, quiet
- Low power consumption
- Economically priced

MODEL 2430 CONTINUOUS DUTY AERATION PUMP is effective for aeration of growing cell cultures. The pump's linear drive mechanism is very quiet and consumes little power. It delivers a steady, reliable flow of room air day and night for aerating growing cultures. Available models range from 1.2 to 3.6 CFM (34 to 102 L/min).





New

ECONOMICAL PUMP FOR AERATION

- Quiet, linear diaphragm mechanism
- Continuous pressure to 4 PSI
- Oil-less

LINEAR DIAPHRAGM COMPRESSORS employ a linear/vibrating armature to move a diaphragm to generate compressed air for aeration in life science and environmental applications. The unit is low in vibration, generates little heat, low power consumption, and is low in noise. The mechanism is continuous duty.

Specifications

Welch Model

Free Air Displacement

CFM(L/min) @ 60Hz

m³/hr(L/min) @ 50Hz

Max Pressure, PSIG (pascal)

Inlet thread NPT

Tubing, I.D. in.(mm)

Weight, pump only, lbs.(kg)

Dimensions of pump only LxWxH, in.

, cm

Shipping weight, lbs.(kg)

	Linear Compressors			
	2420	2430	2460	2478
CFM(L/min) @ 60Hz	1.24(35)	2.0(56)	3.2(91)	3.6(102)
m ³ /hr(L/min) @ 50Hz	1.45(29)	2.4(47)	3.8(76)	4.4(85)
Max Pressure, PSIG (pascal)	3(3x10 ⁴)	3(3x10 ⁴)	4(4x10 ⁴)	3(3x10 ⁴)
Inlet thread NPT	1/8	3/8	3/8	3/16
Tubing, I.D. in.(mm)	3/8(10)	3/8(10)	3/8(10)	3/8(10)
Weight, pump only, lbs.(kg)	5.3	11	13.2	18.3
Dimensions of pump only LxWxH, in.	5.83x5.04x4.38	4.83x6.83x7.79	4.83x6.83x7.79	10.01x8.94x8.59
, cm	14.81x12.80x11.13	12.27x17.35x19.79	12.27x17.35x19.79	25.43x22.71x21.82
Shipping weight, lbs.(kg)	7(3.2)	13(5.9)	16(7.3)	21.3(9.5)

Ordering Information

Wired for 115V, 60Hz, 1 Ph
with N. American 115V Plug

Wired for 230V, 50Hz, 1 Ph
with cont. Euro.(Schuko) Plug

2420B-01	2430B-01	2460B-01	2478B-01
2420C-02	2430C-02	2460C-02	2478C-02