

Manual Pick and Place of Small Components

Vacuum Pencil Kit: VH-8-KIT



Compressed air required to power ultra-mini vacuum pump/probe/cup assembly.

Ideal Applications:

- Electronics
- Glass handling
- High temperature
- Medical
- Miniature assembly operations

Benefits/Features:

- Lightweight – comfortable to handle
- Quiet – positive work environment
- Easy to assemble – no tools required
- Flexible – quick change of cups and probes for different applications

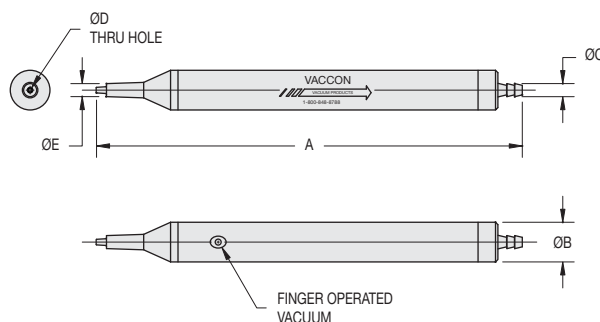
Utilizing a miniature Vaccon venturi vacuum pump as its vacuum source, the vacuum pencil kit includes a vacuum pump, vacuum pencil and a variety of interchangeable ultra-mini cups and probes.

Vaccon's Vacuum Pencil easily adapts to handling different objects by simply changing the vacuum cup and probe. Lightweight and compact, the vacuum pencil kit is ideal for bench top work.

VH-8-KIT: Kit includes:

- 4 straight probes, 4 angled probes
- 8 Ultra-mini cups – variety of materials and sizes (anti-static for handling electronics, silicone for high temperatures – see page 259)
- 1 VH3020-8 vacuum pencil
- 1 JS-40UM vacuum pump w/inlet, exhaust and vacuum fittings – generates up to 27"Hg
- Coiled polyurethane vacuum tubing

Vacuum Pencil



Model #	Dimensions						Weight
		A	B	C	D	E	
VH3020-8	in.	5.87	0.50	0.17	0.02	0.16	0.6 oz
	mm	149.1	12.7	4.2	0.6	4.2	17 g

How to Specify:

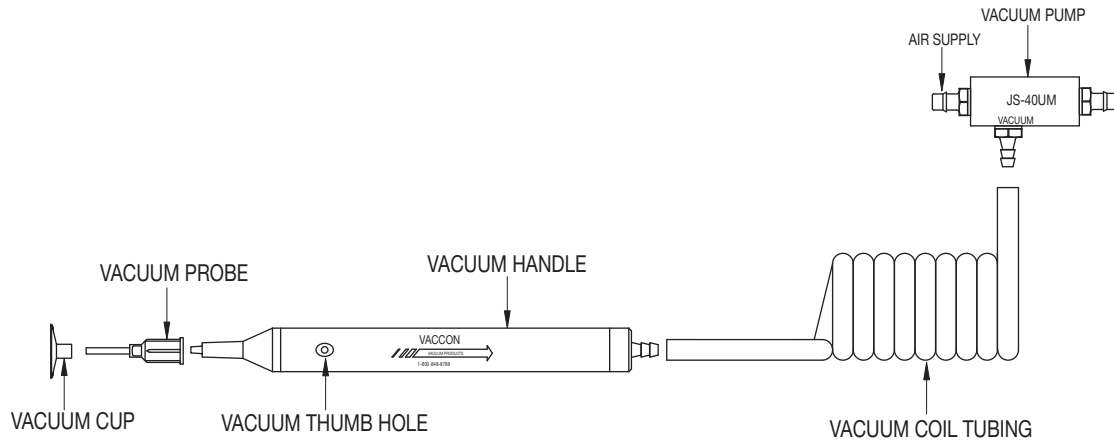
Vacuum Pencil only: VH3020-8

Vacuum Pencil Kit: VH-8-KIT

Ultra-Mini cups only: See page 259

Probes only: See page 269

Vaccon Vacuum Pencil Setup and Operating Instructions



Set Up:

The following is the recommended setup for the vacuum pencil.

1. Connect air supply line 1/4 O.D. x 3/16 I.D. (not included in kit) onto factory installed barbed fitting on air supply port of vacuum pump.
2. Connect vacuum coil tube (included in kit) onto factory installed barbed fitting on vacuum port of vacuum pump.
3. Connect opposite end of vacuum coil onto barbed end of vacuum pencil.
4. Turn on compressed air supply (80 PSI recommended). Vacuum handle is ready for operation.

Operating Instructions:

1. Choose desired probe from vacuum kit and hand press onto end of vacuum pencil.
2. Choose desired vacuum cup from vacuum kit and press onto end of probe.
3. By covering and uncovering the thumb hole, the operator can easily grip and release the part.