

# ISOLATOR KIT



**Vacuum leaks are your enemy.  
Finding them is the real challenge.**

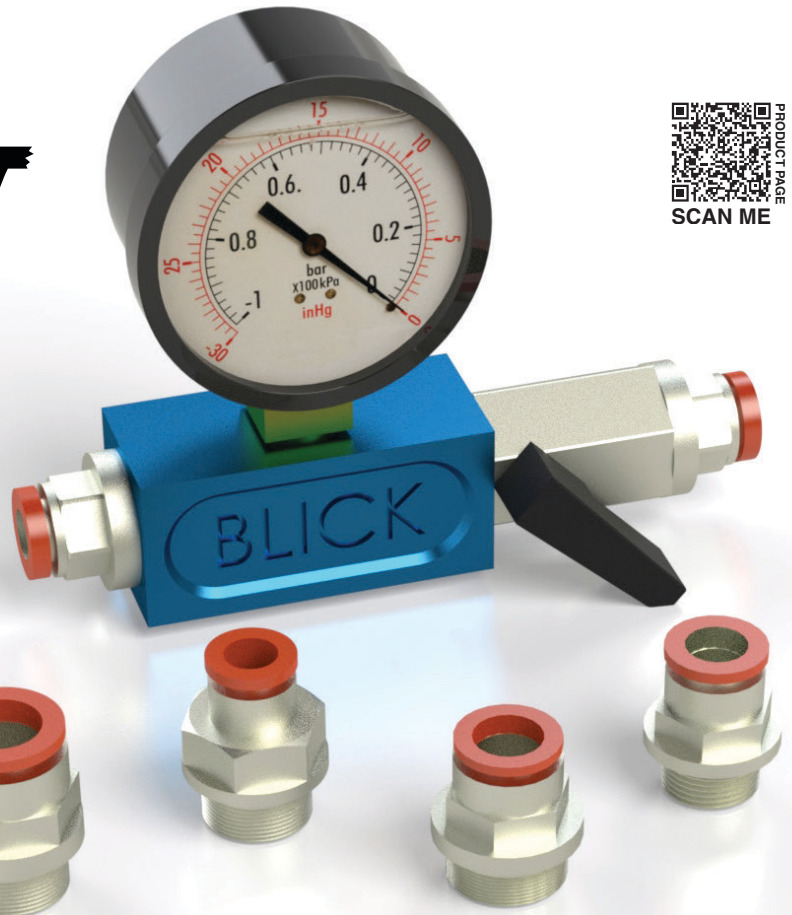
Part Number	53-30HG1
Kit Includes	Vacuum Gauge, Control Valve, Five separate pairs of tube fittings (6 mm, 8 mm, 10 mm, 12 mm, and 1/2")

Don't put up with vacuum leaks!

The Isolator allows the operator to check for vacuum leaks by easily isolating possible failure points, eliminating the problem.

Various factors such as a worn seal, a worn O-Ring, damage to the part, defects in the table surface, etc., may cause a leak.

With the Isolator, you can quickly locate, "isolate," and eliminate pesky vacuum leaks, increasing your machine's overall vacuum and effective holding power for better and faster processing.



**SCAN FOR THE VIDEO**

## Testing Guide

1. Interrupt the Vacuum Line to Test Part with the Control Valve towards the Vacuum Source  
(For manifolds, ensure that all other Valves to the manifold are closed)
2. Connect the appropriate tubing
3. Run Vacuum to the Test Part with the Control Valve open
  - i. Once the Gauge shows vacuum, close the Control Valve
4. If the dial indicator drops, there is a leak

## Troubleshooting

### Manifolds (fig.1):

1. Run regulated air (10-15 PSI) with all valves closed with one inlet open.
  - i. If the machine has a float function, the air is already regulated.
2. To identify a leak(similar to checking a propane tank):
  - i. Listen for a hissing noise coming from the source of the leak.
  - ii. Apply soapy water to the outside of the manifold along the valves, and watch for bubbles.
3. Replace valves as needed



fig.1

### Suction Cups:

1. Check air fittings
  - i. Fittings should click when pressed
2. Check top and bottom seals (fig.2 & fig.3)
  - i. Seals should sit proud of the channel
3. Replace fittings and seals as needed



fig.2

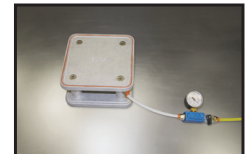


fig.3