Automatic Stationary Caliper Unit

Catalog #	00-1254-0000
Additional Materials	An electronic caliper for automatic and precise measurement of parts up to 150mm (6"). The gauge is designed for manipulation by a robot. The caliper is driven by a double-acting pneumatic cylinder.

SPECIFICATIONS

- Measuring range: 150mm / 6"
- Resolution: 0.001mm / 0.00005"
- Accuracy: 20μm
- Repeatability: 4μm
- Length of jaws: 40mm
- Data output: Via USB cable (included)

- LCD display: 7mm. Enters sleeping mode after 20 minutes being idle. (Absolute System S.I.S)
- Operational maximum speed: 1.5 m/sec.
- Power supply: 3V lithium battery
- Battery life: Approximately 3000 hours
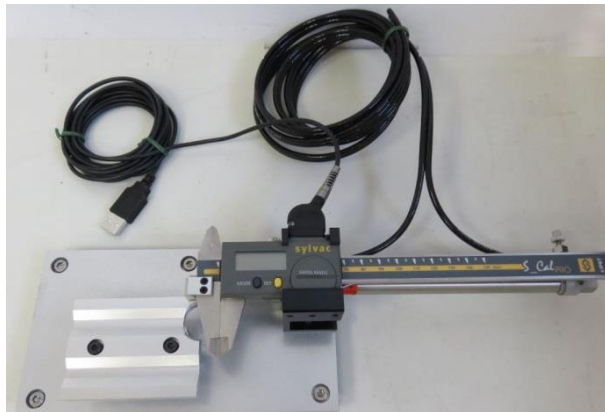- 4/2 solenoid valve (24V) included

Figure 1: Caliper unit with USB cable and pipes

Figure 2: 4/2 solenoid valve with pipes