



ABL8000 SPECIFICATION SHEET

Rev. A

Effective Date: January 3, 2000

- **Air Supply:** Nitrogen, 99.99% Pure, Filtered to 0.25 microns
or
Air, filtered to 0.25 microns, dry to 0°F dewpoint, oil-less
- **Air Supply Pressure:** 80 psi unless otherwise specified
1/8" ID, 1/4" OD polyurethane air hose for supply
Recommend system pressure switch to abort motion if pressure falls below 40 psi
- **Air Consumption:** 16" Carriage (LC): approx. .65 CFM @ 80psi
10" Carriage (SC): approx. .50 CFM @80psi
- **Environment:** Laboratory
- **Loading Specifications:** 70kg (150 lb.) maximum load unless otherwise specified
Mating surface should be flat to .0002"
- **Mounting Specifications:** Mating surface should be flat to .0002". Mount with quantity (6) 3/8" or M8 socket head cap screws torqued to 20 ft-lb.
(if not supplied with a granite base)
- **Unpacking/Cleaning Instructions:**
 - Remove stage from crate
 - Allow stage to stabilize at room temperature for at least 12 hours after unpacking
 - Blow dust and debris from the machine with pressurized nitrogen or clean, oil-less air.
 - Remove the red anodized shipping brackets from stage. The shipping brackets are the only red anodized parts on the assembly

