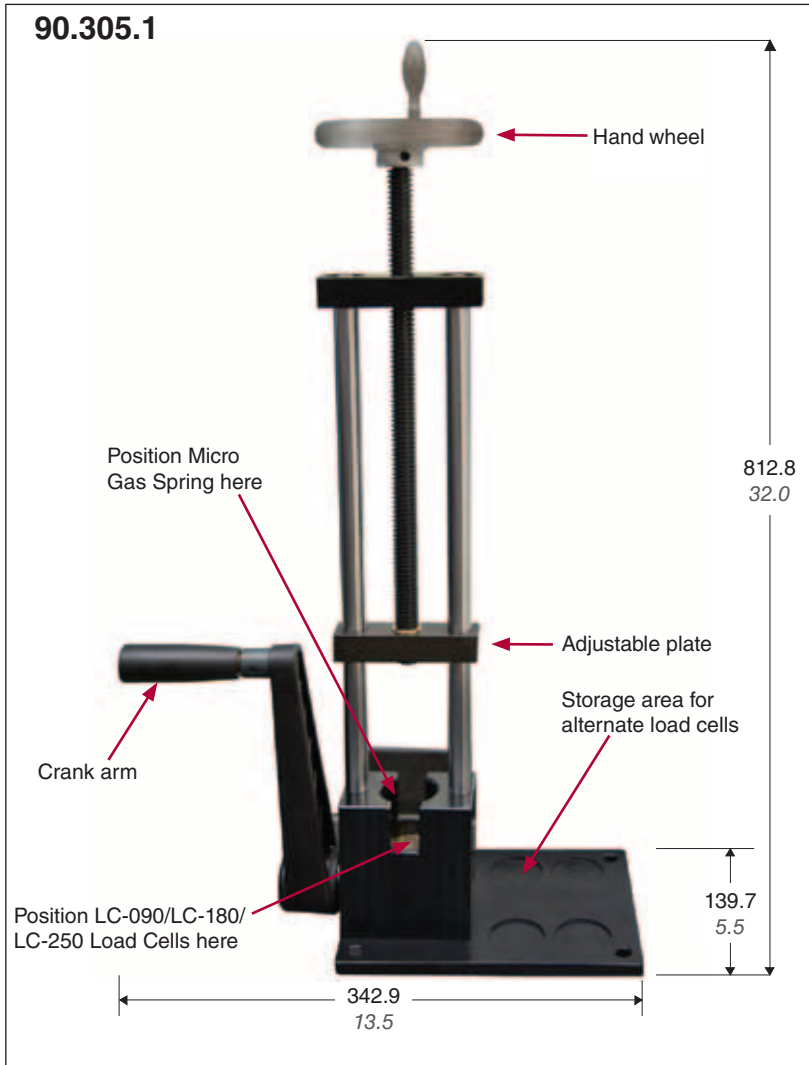


## Micro Test Stand-125 (MTS-125)

### MTS-125 Test Stand Features

- Quick, easy and accurate method for measuring the force of DADCO's Micro Nitrogen Gas Springs.
- Indirect gauging with load cells, no nitrogen lost.
- Accommodates DADCO's Micro Nitrogen Gas Springs with stroke lengths of up to 125 mm (4.92").  
*Contact DADCO for additional stroke lengths.*



Test Stand Compatibility	
Gas Spring Model	DADCO Load Cell
C.045 SL.16 E.16	90.300.00045
C.070	90.300.00070
C.090	90.300.00090
C.180 E.24	90.300.00180
C.250 90.10.00170	90.300.00250
U.0175	90.300.0175
U.0325	90.300.0325



Micro Test Stand shown with **Micro 90®** in place with 90.300.00090 Load Cell.

### Operation

Please follow guidelines below for proper operation:

1. Place DADCO Load Cell into recess in base  
**(Note: Load cell must be compatible with gas spring to be tested.)**
2. Rotate crank arm to vertical position.
3. Seat gas spring on load cell with its rod upwards.
4. Lower adjustable plate with hand wheel until it rests on the gas spring's rod.
5. Rotate crank arm to a horizontal position to raise the gas spring against the plate and depress the rod.
6. Read the force indicated on the gauge. The gauge indicates force in lb. and daN units.

### Maintenance

Keep slide rods and thread rod lightly lubricated.