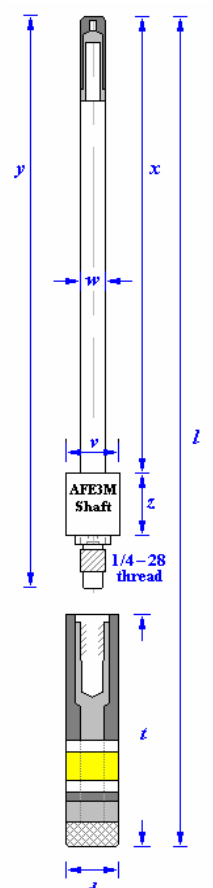


QC3 Series Rotating Cylinder Electrode

Document LMEQCQ3

QC3 Tip with shaft for AFMSRX Rotator



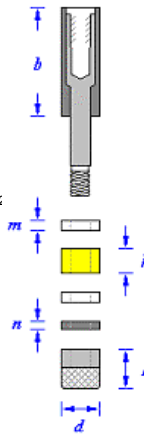
Length of Tip (t): 64.3
 Cylinder Diameter (d): 12.0
 Cylinder Height (h): 7.95
 Screw Thread Type: 1/4 - 28
 Overall Length (l): 199.5
 Shaft Length (y): 151.9
 Upper Shaft Length (x): 118.6
 Upper Shaft OD (w): 6.35
 Lower Shaft Diameter (v): 12
 Sheath Length (z): 16.6

Your rotated cylinder electrode (RCE) is a precision research tool that has been carefully machined. Proper use and care will assure a long useful lifetime for your electrode.

- Your electrode should only be used from 10°C (50°F) to 25°C (77°F).
- Rotating electrodes must be mounted securely in the rotator. While mounting, do not apply excessive force to the shroud as this may cause the shroud to slip along the shaft of the electrode.
- Rotating electrodes should be mounted in such a way that they do not rub against surfaces (such as the wall of the cell).

Disassembled QC3 Tip Dimensions:

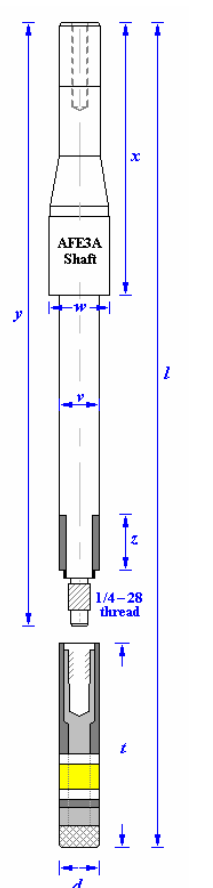
- Length of Tip (t): 64.3
- Cylinder Diameter (d): 12.0
- Cylinder Height (h): 7.95
- Cylinder Area (approximate): 3.0 cm²
- Seal Washer Thickness (m): 3.18
- Compression Washer (n): 2.36
- Length of Body (b): 34.9
- Length of Keeper Nut (p): 12.7
- Screw Thread Type: 1/4 - 28



- The KEL-F parts are incompatible with tetrahydrofuran and some chlorinated solvents (such as chloroform and carbon tetrachloride).

**MAXIMUM ROTATION RATE
2,000 RPM**

QC3 Tip with shaft for AFASR Rotator



Length of Tip (t): 64.3
 Cylinder Diameter (d): 12.0
 Cylinder Height (h): 7.95
 Screw Thread Type: 1/4 - 28
 Overall Length (l): 230.2
 Shaft Length (y): 182.6
 Upper Shaft Length (x): 82.6
 Upper Shaft OD (w): 18.3
 Lower Shaft Diameter (v): 12
 Sheath Length (z): 16.6

Note: When changing the cylinder material, a mounting fixture (part ACQC01243) is threaded into the body of the tip to assist in holding the tip steady. Replacement parts available include the compression washer (ACQC01241), seal washers (ACQC01242), keeper nut (ACQC01244), and body (ACQC01251).

*Reference dimensions given in millimeters; however, electrodes are actually machined using the nearest English dimensions. Custom electrodes with other dimensions are available upon request.