



## *Typical Laboratory Items Serviced & Calibrated*

### Dimensional Calibrations

Caliper, Hand, 12" max. Snap Gages w/fpsi Optical Comparators	Micrometer, Hand, 1" to 8" max. Rotor Height Gage Ruler & Scale	Micrometer, Pedestal w/fpsi Tachometer - RPM Speed [ ft/min; rpm ]
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### Dimensional Inspection 1D Measurements

Dimensional Blocks <sup>1***</sup> ASTM D256 Izod Notched Sample	Plug or Pin Gage Sets <sup>1***</sup> ISO179/180 Izod Notched Sample	Feeler Gage Sets <sup>1***</sup> Flame Height Gage
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### Force [ 10,000 lbs/f max. capability ]

Tensile Testers & Tensometers Extensometer [ Type "C" ]	Load Cell - Tension Extensometer [ Type "D" ]	Load Cells - Compression Force Gage Units [ 10 to 100 lbf ]
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### Hardness

Durometers Types "A & D" [ Direct ] Conveloader Stands	Rubber Test Blocks Type A Lever Loader Stands	Rockwell Hardness Tester <sup>2***</sup> Duro-Calibrators
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### Mass

Analytical Balance Triple Beam Scales	Top-Loading Scale [ Includes floor scales ] Weight Sets [ Grams/mg's ]	Gravimeter / Densimeter Weight Sets [ Pounds/oz's ]
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### Pressure & Vacuum [ 10,000 psi max. capability ]

Dial Faced Pressure Gauge	Digital Pressure Gauge	Dial Faced Vacuum Gauge [ 0 to 25inHg ]
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### Temperature

Forced Air Oven, E145 9 point <sup>1***</sup> Digital Thermometer / Pyrometer Hydraulic Lab Press Chart Recorder [ Temperature/rH ] Muffle Ashing Furnace Digital Temperature Indicator	Circulating Oil / Water Bath Thermocouples [ J, K, T, RTD, PRT ] Aluminum Aging Blocks Multi-Channel Recorders Electric Tube Furnace Brass Slug Thermocouple Type "K"	Precision Freezer/ / Cold Box Mercury-n-Glass Thermometer Environmental Chamber Salt Spray / Fog Chamber Cyclic Corrosion Chamber Burner Dimensions
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Single Point Temperature Measurements [ Gravity Oven, Cure Oven; Vacuum Oven; Ozone Chamber, Tensile Chambers, etc. ]

### Torque

Dial Faced Torque Wrench	Digital Torque Wrench	Torque Calibrator Unit
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### Rubber Industry Specific

R100 Rheometer Service & Calibration Mooney Viscometer Service & Calibration Cutting Dies [ ASTM , ISO, JISK, DIN ] Sharpening & Dimensional Verification	ODR Rheometer Calibration Rheometer Torque Standard	MDR Rheometer Calibration Compression Testers Bashore Resiliometers
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### Plastic Industry Specific

Extrusion Plastometer [ Melt Flow ] Izod & Charpy Impact Tester Heat Deflection & VICAT Tester	Capillary Rheometer Izod Notching Machine Moisture Analyzer	Gardner Impact Tester Izod Cutting Tooth Inspection Dryers
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### Time & Frequency

Stop Watches	Lab Timers [ includes count down ]	Internal Equipment Timers
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**Note:** Customer units found to be identical to the RCS Test Unit or standard in resolution, testing will be at a 1:1 direct comparison.

**1\*\*\* - Modified Method** - Requires signature on departure form before testing can begin.

**2\*\*\* - Non-Accredited Method** - Presently not on our A2LA Scope of Accreditation.