Blockwise supplies complete radial force testing systems, and also radial compression stations for use as “fixtures” on the customer’s tensile testing machine.

### Complete System

**Includes:**
- Radial compression station
- Hardware to adapt to tensile tester (force-limiting device not necessary)
- Temperature-control system (optional, shown here)
- Diameter-calibration pin
- Tensile Testing Machine Model TTR2, with:
  - “Blockwise Radial Force” application software
  - Laptop PC
  - Force-calibration weight
  - Precision force transducer

**Advantages:**
- Dedicated radial force software:
  - Very simple, intuitive operation
  - Quick, fool-proof, 3-minute calibration of both diameter and force
  - Real-time display and graphing of diameter vs. radial force
  - Analysis tools help you to quickly estimate “radial strength” or “chronic outward force” according to ASTM
- No changeover required to do radial force testing

### Fixture for use on your tensile tester

**Includes:**
- Radial compression station
- Hardware to adapt to tensile tester (includes protective force-limiting device)
- Temperature-control system (optional, not shown here)
- Diameter-calibration pin

**Advantages:**
- Less total tabletop space
- Lowest cost for radial force testing capability (If you own a tensile tester)
### Disadvantages:
- Tabletop space is dedicated to radial force testing
- More expensive

<table>
<thead>
<tr>
<th>Disadvantages:</th>
</tr>
</thead>
<tbody>
<tr>
<td>More difficult to learn and use</td>
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<tr>
<td>Calibration takes more time</td>
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<tr>
<td>Real-time display &amp; graph show linear distance and linear force; diameter and radial force must be calculated post-testing using spreadsheet software</td>
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<tr>
<td>Machine changeover from tensile testing to radial force takes time</td>
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