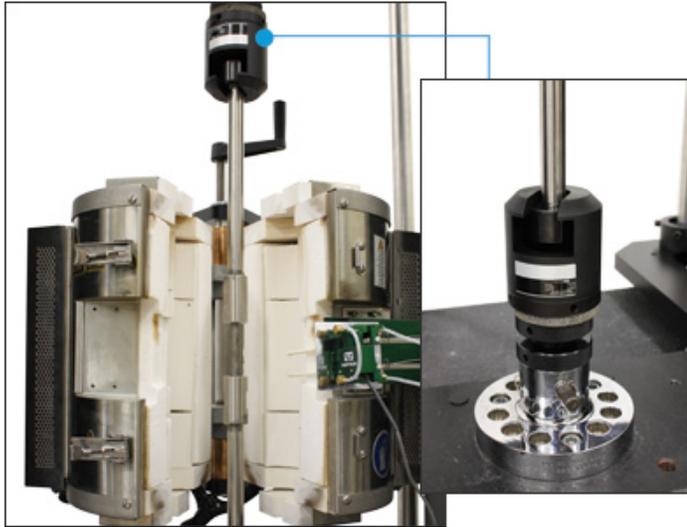


**Materials Testing Accessories Newsletter**
**In This Issue: Part 1: Making Your Testing Easier - Fixturing**
**Quick-Release Furnace Pull Rods**

It can be difficult to change specimens when testing at elevated or low temperatures; thick gloves and protective equipment can make access to the test space and operation difficult. When using a split furnace with quick release pull rods the system is relatively easy to use. The entire hot section of the load string can be removed to allow for safe changeover of the specimen away from the radiating furnace.


**Quick-Release Load Cell**

Test laboratories, for example, test numerous products that may require different load cell capacities, and changing load cells can be time consuming and awkward to perform. The Instron 5900 testing system introduces the quick change adaptor. A plate is attached to the machine crosshead and another to the top of the common load cells. When changing the load cell the central retaining bolt can be completely removed without the load cell becoming detached from the machine. The plate retains the load cell allowing operators to use two hands to safely remove one load cell and replace it with another. The replacement load cell does not have to be held in place while operators frantically try to tighten up bolts because the load cell is retained by the quick change plate, the securing bolt can then be tightened to secure the load cell.


**Piggy-Back Adapters**

Many customers buy a machine under the assumption they are to perform a particular test, only later to discover that the specifications change. One example of this is when a customer purchased a 250 kN machine to test composite fiber-reinforced polymers, but then received a request to test the yarns that provide the reinforcement. Yarns are often made up of hundreds, if not thousands, of monofilaments. These filaments will break at a fraction of the load of the composite panel and is likely to be outside the resolution of the 250 kN load cell. To ensure results are accurate, a lower capacity load cell should be used. The customer can piggy-back a more appropriate load cell from the existing load cell negating the need to move the heavier larger load cell.

**Contact Us**

Tel (US):  
+800 564 8378

Tel (Europe):  
+44 1494 456815

[Online Request](#)

**Related Links**

- Fifth Edition of the [Accessories Catalog for Materials Testing](#) is now available!



- New Accessories for CEAST Impact Systems Catalog



[Request a catalog.](#)

- Missed previous issues of the Accessories Newsletter? Catch up at the [Instron Library](#). Follow the link and select "Newsletter" as the Document Type.

- Visit our [Testing Solutions](#) to find technical tips relevant to your testing application.

**Future Events**

For a list of upcoming shows that Instron will be attending, please visit the [Events](#) page of our website.

## Chamber Port Plugs

[Environmental chamber](#) removable wedge sections, when used with a roller mounting bracket, allow chambers to be pushed back permitting complete access to the load string without having to dismantle it.



## 2630 Cone Latch System

The [2630 Series extensometers](#) can be installed or set in place accurately and consistently, with the gauge length locking device automatically releasing itself after attachment, ensuring speed and reliability of operation. This unique cone latch mechanism also overcomes the problems associated with having to remove pins or clips prior to starting a test, or tests being conducted with the extensometer accidentally locked at gauge length.



For more information on Accessories, visit us [on the web](#), submit an [online request](#), or call us at +800 564 8378 (US only) or +44 1494 456815 (Europe only)

Are you testing something a little different? Do you think more people should know about it? Would you like to submit an article for possible publication in the Instron accessories newsletter? If so, please [submit your story](#).

## What do you think? Tell us!



**Instron**  
Worldwide Headquarters  
825 University Avenue, Norwood, Massachusetts 02062 | +800 564 8378  
European Headquarters  
Coronation Road, High Wycombe, Bucks HP12 3SY UK | +44 1494 456815  
[www.instron.com](http://www.instron.com)

To view our other newsletters or to subscribe, please go to our [Subscriptions](#) page.