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# 5960 Dual Column Testing Systems for Tensile, Compression, Flexure, Peel testing

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## Overview

5960 Dual Column Tabletop Testing Systems are universal, static testing systems that perform tensile and compression testing; and also perform shear, flexure, peel, tear, cyclic, and bend tests. The 5900 Series are engineered for precision, built for durability, and offer the flexibility for changing requirements. They are designed with standard and optional features that increase testing efficiency and improve the testing experience for the operator. Dual column systems are multi-purpose instruments that are commonly used for plastics, metals, rubber materials, automotive components, composites, and non-ambient temperature applications.

The versatility of the 5960 Dual Column Tabletop Systems lends itself to a wide range of testing environments and requirements. Models are available that offer extended crosshead travel or an extra wide test space. The 5 kN 5965 model features a maximum speed of 3000 mm/min and an even greater return speed of 3200 mm/min. This is a significant advantage when performing high-volume testing or when testing elastomeric materials with high elongations.

## Features

- Load measurement accuracy: +/- 0.5% of reading down to 1/1000 of load cell capacity option (2580 Series load cells)
- Up to 2.5 kHz data acquisition rate option simultaneous on load, extension, and strain channels
- Speed range of 0.001 - 3000 mm/min (0.00004 - 120 in/min), depending on the model
- Customizable Control Panel
- Compatible with Bluehill® Software
- Automatic transducer recognition for load cells and extensometers
- Extra height and width options available
- Thousands of optional grips and fixtures
- Full CE compliance

## Range of Models

### 5965

- 5 kN (1125 lbf) capacity
- 1256 mm (49.5 in) vertical test space\*
- 1756 mm (69.1 in) vertical test space (Extra-height model)
- 3200 mm/min (128 in/min) return speed

### 5966

- 10 kN (2,250 lbf) capacity
- 1256 mm (49.5 in) vertical test space\*

- 1756 mm (69.1 in) vertical test space (Extra-height model)

**5967**

- 30 kN (6,750 lbf) capacity
- 1212 mm (47.7 in) vertical test space\*
- 1712 mm (67.4 in) vertical test space (Extra-height model)

**5969**

- 50 kN (11,250 lbf) capacity
- 1212 mm (47.7 in) vertical test space\*
- 1712 mm (67.4 in) vertical test space (Extra-height model)

\*Total vertical test space is the distance from the top surface of the base platen to the bottom surface of the moving crosshead, excluding load cell, grips, and fixtures.

Note: specifications are subject to change without notice.

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"It is our objective at Instron to provide our customers the best ownership experience by delivering the highest quality products, expert support and world-class service."

**Yahya Gharagozlou**

Group President, ITW Test & Measurement

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