

# Mechanical Testing Equipment

# Instron Tensile Tester



**Application: Tensile testing, compression testing, bend testing, creep testing**

## **Features and Specs:**

- **Load Cells: 10N, 100N, 1kN, 5kN**
- **Maximum Crosshead Travel: 44.6"**
- **Extensometer**
- **Software Packages: Merlin, Series IX**

**Model Number: 5500R**

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# Dage-4000



**Application: Ball shear, die shear, cold bump pull, wire pull, tweezer pull/peel.**

**Features and Specs:**

- **5kg ball shear cartridge**
- **2.5, 5kg ball pull cartridge**
- **100kg die shear cartridge**
- **Force-time graphs, fracture energy**

**Model Number: 4000**

**Contact: Pericles Kondos 607-779-5136  
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# Dage-4000HS (High Speed Bondtester)



**Application: Ball shear testing, cold bump pull, zone shear**

## **Features and Specs:**

- **Shear testing up to 4m/sec**
- **3kg and 5kg ball shear cartridge**
- **Pull testing up to 1.3m/sec**
- **1kg and 5kg ball pull cartridge**
- **Force-time graphs, fracture energy**

**Model Number: 4000HS**

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# Dage-4000Plus



**Application:** **Hot Bump Pull, Ball Fatigue, Cold Bump Pull, Ball Shear**

## **Features and Specs:**

- **10kg Hot-Bump Pull Cartridge**
- **5kg Shear Cartridge**
- **5Kg Pull Cartridge**
- **Force-time graphs, fracture energy**

**Model Number: 4000Plus**

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# Tukon Microhardness Tester

**Application: Microhardness measurement**

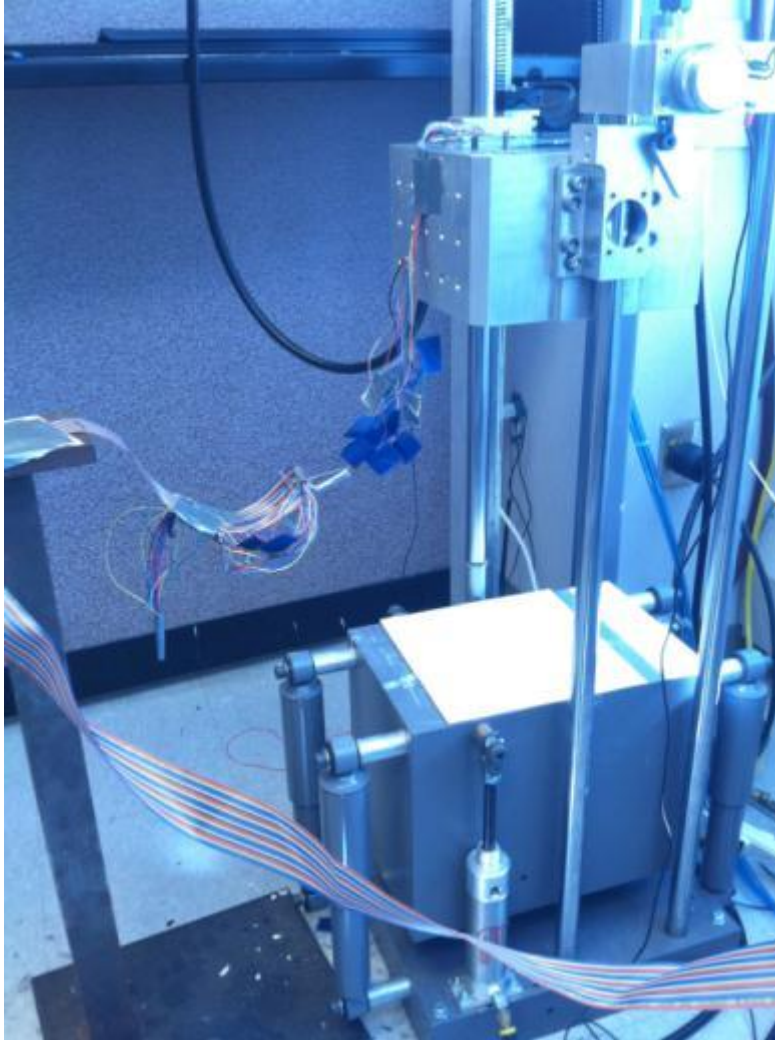
**Features and Specs:**

- **Knoop and Vickers Tips**
- **Load Range: 1g – 3kg**
- **10X, 20X, and 40X Objective Zoom**



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# Lansmont Drop/Shock Table



**Application: Drop/Shock testing of electronic assemblies**

**Features and Specs:**

- **Table size: 23cm x 15.2cm**
- **Maximum acceleration (bare table): 2000gs**
- **Three accelerometers**

**Model Number: 23-D**

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