



# Tru-Blue Sample Mounting Press



The United Testing System Tru-Blue Sample Mounting Press offers a robust, powerful, and easy to use device that allows you to mount metal and alloy samples in preparation for microhardness testing. The Tru-Blue SMP is available as a stand-alone instrument, can be added to an existing lab, or you can choose to use it alongside the brand-new Tru-Blue μVT from United Testing Systems – a state-of-the-art microhardness testing system for metal and alloy parts.

Quick and easy to use, the Tru-Blue Sample Mounting Press offers a highly effective tool for sample mounting – ultimately, empowering microhardness testing that delivers accurate and repeatable results.

## Key features

- Sturdy bench top machine
- Corrosion resistant cover
- Quick & easy operation
- Fully automatic cycle controls
- Save/store pre-set parameters (temperature, pressure, time)
- Quick setting adjustment button
- Easy to understand icon-based controls for cycle time, heating, cooling, pressure, and loading.

## Device specifications

- **Machine dimension: 16.5 in x 14.5 in x 19.6 in (42cm x 37cm x 50cm)**
- **Case dimension 19.6 in x 17.7 in x 21.6 in (50cm x 45cm x 55cm)**
- **Bench weight (net/gross): 99.2 lbs (45 kg)**
- **Ship weight: 154.3 lbs (70 kg)**
- **Power supply: 220V-50Hz**
- **Mold heater spec: 1250 Watt**
- **Max. system pressure: 250 bar**

## Standards

**ASTM E384 & E92; ISO 6507, 9385, 4546**  
**May also conform to other standards not listed**

## Standard Accessories

- **Standard mold assembly: Ø32 mm (optional Ø25mm, Ø30mm, Ø40mm, Ø50mm)**
- **Phenolic powder**
- **Pipe for water source**

## About the Tru-Blue $\mu$ VT

The True-Blue Sample Mounting Press is the perfect tool to mount samples for microhardness tests. But once your samples are ready to go, you'll need an industry-leading micro-hardness tester.

### So, why not choose the Tru-Blue $\mu$ VT?

United Testing System's Tru-Blue  $\mu$ VT (MicroVT) is a state-of-the-art, semi-automated microhardness test system that offers industry-standard features and quality performance. The instrument is backed by United's long-standing tradition of delivering quality, durability, high performance, and excellent value.

The Tru-Blue  $\mu$ VT is designed to measure hardness values on the Vickers (HV) and Knoop (HK) scales from 10g up to 1000g (1kg). Fully digital programming and control coupled with high-quality optics make running a test quick and easy for every user.

## Your partner in Rockwell testing

With a wealth of experience in the Rockwell hardness market, we are globally recognized as leaders in the space – consistently producing high quality, high performing solutions.

United Testing Systems is part of the Industrial Physics family. At Industrial Physics, it's our purpose to protect the integrity of brands and products across the globe by providing first rate test and inspection solutions. By choosing Industrial Physics as your partner – and investing in our line of microhardness products – you'll be able to minimize unnecessary downtime.

To find out more about partnering with Industrial Physics, get in touch to speak with our team.

## Contact Details

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