



[Home](#) » [Hardness Test System](#)

[New Products](#)

Hardness Test System



March 1, 2016

KEYWORDS [Buehler / Buehler,](#)
[Wilson, VH3300, Vickers/ Knoop,](#)
[hardness test system / hardness](#)
[test system / VH3300 /](#)
[Vickers/Knoop / Wilson](#)

[Reprints](#)

[No Comments](#)

Buehler introduced the new Wilson VH3300 Vickers/ Knoop hardness test system at the Quality Show in Rosemont, Illinois. The new VH3300 model with its extensive variety of scales and magnifications excels through maximum flexibility for automated hardness testing to ASTM and ISO in the test laboratory, in materials and

 [Subscribe For Free!](#) 

[More Videos](#)

Sponsored Content



Sponsored By
Fischer
Technology, Inc.

[Measuring Electroplated Materials](#)

Selecting the optimal X-ray Fluorescence (XRF) instrument can be confusing. XRF manufacturers offer a variety of detector types, collimator (spot size) options, and programmable X/Y stages to meet the varying needs for different industries, budgets and measurement requirements.

product development, in clean production environments and in routine quality control. It is ideal for more advanced heat treatment processes like the aerospace, energy, construction and transportation industries that require hardness testing systems to be durable while maintaining precise control during critical test data generation.

The VH3300 is equipped with the patent-pending collision protection technology, a high-speed sample stage and the DiaMet™ universal testing software. The Wilson VH3300 Vickers/ Knoop hardness test system features a 6-position test head with up to three indenters and three zoom objectives, an automated X/Y sample stage available in two sizes (180 mm x 180 mm as standard) and a powerful image analysis system. A wide range of test loads from 5 g to 60 kg (depending on configuration) renders the sturdy system suitable for a wide variety of applications. A purpose-designed collision protection system helps to avoid accidental damage to the indenters and objectives due to operator errors. The VH3300 hardness testing system provides the ultimate high capacity testing platform capable of performing 150 make and measure indents an hour using the fully automated test program.

A high-resolution digital camera and long working distance objectives, in combination with innovative, calibrated digital zooming capability, provide up to 2000x magnification. The entire system is controlled through the DiaMet™ hardness automation software, including setting of test parameters, automated indentation and measuring, acquisition of test data, statistical analysis, data export, and a range of other functions speeding up the test procedure and ensuring high-accuracy acquisition and analysis of test data.

Buehler

800-BUEHLER

info@buehler.com

www.buehler.com



FREE WEBINAR

Qualitative Surface Metrology for Advanced Manufacturing

November 15 | 2 PM ET

Events

October 25, 2017

The Quality Show 2017

These sessions are part of our Broadcasting Live program where we give attendees that cannot make it to the event the opportunity to view presentations & download valuable content.

November 9, 2017

How the Latest in 3D Portable CMM Technology Can Improve Your Profitability

The ability to perform accurate quality inspections – quickly, easily and consistently – is paramount to your reputation and profitability. This webinar aims at exploring the latest expectations and advances in 3D Measurement Arm solutions.

[View All](#)

[Submit An Event](#)

Did you enjoy this article? [Click here](#) to subscribe to *Quality Magazine*.

Related Articles

**Buehler VH Series Wilson
Hardness Testers**

Hardness Tester

Hardness Testing System

Hardness Testing System

Related Products

**Mechanical and Non-Destructive
Testing DVD**

**Introduction to Nondestructive
Testing: A Training Guide, 2nd
Edition**

**Lean Manufacturing Systems
and Cell Design**

**The Quality Calibration
Handbook**

Related Events

**VISION – World’s leading trade
fair for machine vision**

**How Mobile, Social, Big Data
and Cloud Technology Elevates
Enterprise Quality Management**

**Qualitative Surface Metrology
for Advanced Manufacturing**

Related Directories

InterTest Inc.

**Test Equipment Distributors
LLC**

**Test Equipment Distributors
ibg NDT Systems Corp.**

Poll

Topics to Talk About

**What topics would you like to see
Quality cover more?**

CMMs

Gages and Gaging

Calibration

Machine Vision, Imaging, and Sensors

Nondestructive Testing & Technology

Other ([Click link to our social media page to tell us more](#))

[View Results](#) [Poll Archive](#)

Products



**Quality Brain
Teasers: Real World
Challenges to Build
Your Manufacturing
Skills (ebook)**
Assessments and Training
in the following areas...

[See More Products](#)

You must [login](#) or [register](#) in order to post a comment.



Quality Magazine



2017 October

Check out the October 2017 edition of Quality: Mechanical Testing of Automotive Materials and Components and More!

[View More](#)

[Subscribe](#)

Resources

[Market Research](#)

[Custom Content &](#)

[Marketing Services](#)

[List Rental](#)

[Partners](#)

[Manufacturing Group](#)

[Polls](#)

[Privacy Policy](#)

Want More

[Connect](#)

Copyright ©2017. All Rights Reserved BNP Media.

Design, CMS, Hosting & Web Development :: [ePublishing](#)