

**Wilson® hardness**

A Reicherter, Wolpert and Wilson tradition

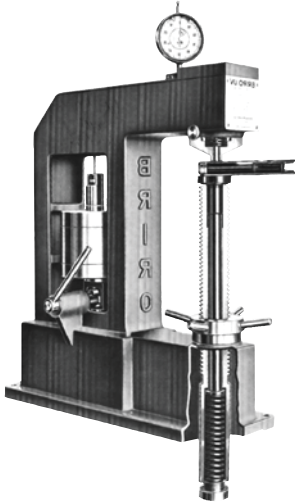




**Wilson®**

**Founded in Germany in 1899**

**Founded in the USA**



Reicherter BRIRO UV

Illinois Tool Works Inc., or ITW, was founded in 1912 by Byron L. Smith. ITW produces engineered fasteners and components, equipment and consumable systems, and specialty products.



Test and Measurement Group

Founded in 1920, **Wilson® Hardness** is the world leader in the hardness testing industry. Wilson introduced the first Rockwell® tester to the market over 80 years ago. The company then went on to develop the legendary Tukon line of micro-indentation testers – the industry standard for Knoop and Vickers testing.



Wilson Rockwell

**Buehler** was founded in 1936 in the USA by Adolph Buehler, a Swiss immigrant who saw a need for metallographic sample preparation equipment and optical inspection instruments for the steel and automotive industries in the USA. He produced world's first Mounting Press.

**1899**

**1912**

**1920**

**1927**

**1936**

**Reicherter** was founded in 1899 at Esslingen am Neckar, Germany. With more than 40,000 installations Reicherter hardness and spring testing machines have earned the trust of users worldwide. Systems such as Brivisor, Briviskop and Briro are well known in laboratories for quality control, research and development, and testing and measuring laboratories.



Wolpert factory in Ludwigshafen

**Wolpert**, a well-known name in the hardness testing industry, is known for practical designs which meet the needs of every hardness testing application. Since its founding in 1927 at Ludwigshafen as Otto Wolpert Werke, Wolpert had long stood for devices characterized by a stable structure, high test accuracy and ease of use.



Buehler AutoMet

Founded in the USA in 1920

Founded in Germany in 1927



*Instron Testing Machine*

In 1993, **Wilson®** and **Wolpert** became a part of **Instron** – developing our hardness testing line of products and accessories. In this time, Instron introduced the first hardness tester with closed loop system: Rockwell® 2000 series.



*Reicherter 3000d*

In 2009, **Reicherter** (owned by Stiefelmayer) was acquired by ITW. Reicherter complemented the range of Wilson Hardness. Ever since, the Reicherter plant in Esslingen produces and distributes the products of Reicherter, Wolpert and Wilson hardness testing. At this time all hardness products are labeled Wilson Hardness Tester.

In 2011 the Wilson group of companies including **Wilson Wolpert** and **Reicherter** joined **Buehler** and bringing a strong brand of testers to the existing product families.

**1946**

Established in 1946, **Instron** manufactures and services materials testing instruments, systems, and accessories, providing you with comprehensive solutions for all your research, quality, and service-life testing requirements. Our machines evaluate the mechanical properties of materials and components using tension, compression, flexure, fatigue, impact, torsion and hardness tests.

**1993**



*Wolpert Diatronic2*

**2005**



In October 2005 **Instron** and **Wilson** were acquired by ITW, as the beginning of their test and measurement platform. New product innovation in the 21st cen-

**2009**



*Wilson VH3100*

tury has been the Minuteman ELT™ Microhardness Software for hardness testers.

**2014+**

Our products are used throughout the world in manufacturing facilities, quality laboratories, and universities to analyze all types of materials, including those used in Aerospace and Defense, Automotive, Medical, Ceramic, Plastics, Composites, Education, Electronics, Energy, Primary Metal and more.

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- Aerospace
- Automotive
- Biomedical & Medical
- Ceramic, Plastics, Composites
- Education, Defense, Government
- Electronics & Optics
- Energy & Construction
- Petrography
- Primary Metals

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- Dardilly, FR
- Düsseldorf, DE
- Esslingen, DE

- Main Offices
- Manufacturing
- Sales
- Service
- Laboratory
- Distributors



Buehler Worldwide Locations

#### Buehler Asia

- Tokyo, JP
- Hong Kong, CN
- Shanghai, CN

## Selection of Today's Buehler Hardness Testers: For Brinell, Vickers, Rockwell & Knoop



Wilson® VH3100  
Automatic Vickers/Knoop  
Hardness Tester



Wilson UH250  
Universal Hardness Tester



Wilson Rockwell® 574  
Rockwell Hardness Tester



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For a complete listing of consumables, visit our website at [www.buehler.com](http://www.buehler.com) or refer our Product Catalogue. Buehler continuously makes product improvements; therefore technical specifications are subject to change without notice.

|  |                       |   |                               |                             |
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**BUEHLER Worldwide Headquarters**  
41 Waukegan Road  
Lake Bluff, Illinois 60044-1699 USA  
P: (847) 295-6500  
[www.buehler.com](http://www.buehler.com) | [info@buehler.com](mailto:info@buehler.com)

**BUEHLER Germany**  
[info.eu@buehler.com](mailto:info.eu@buehler.com)

**BUEHLER France**  
[info.fr@buehler.com](mailto:info.fr@buehler.com)

**BUEHLER United Kingdom**  
[info.uk@buehler.com](mailto:info.uk@buehler.com)

**BUEHLER Canada**  
[info@buehler.ca](mailto:info@buehler.ca)

**BUEHLER Japan**  
[info.japan@buehler.com](mailto:info.japan@buehler.com)

**BUEHLER China**  
[china@buehler.com.hk](mailto:china@buehler.com.hk)

**BUEHLER Asia-Pacific**  
[info@buehler.com.hk](mailto:info@buehler.com.hk)