

NEW DURASYNC TECHNOLOGY IN GRIPS

Instron[®], a leading provider of testing equipment solutions designed to evaluate mechanical properties of materials and components, introduces new hydraulic side-action grips with DuraSync technology that provides an ideal solution for high-capacity metals testing, while delivering enhanced gripping performance, usability, and operator safety.

The DuraSync technology is a self-centering mechanical synchronizer (patent pending) that provides improvements over hydraulic or mechanical rack and pinion designs that are commonly found in the marketplace.

- Adjustable clamping force alleviates specimen slippage and grip breaks
- Side-load dampening reduces the risk of grip damage when testing slightly bent or irregularly shaped specimens such as rebar or wire rod
- Opposing jaw faces repeatedly self-center during specimen clamping reducing testing time and eliminating the need to resynchronize the grip faces between tests
- The synchronizer is located outside the gripping pocket preventing mechanical failure due to contamination

The grips have an open-front design that provides easy specimen insertion, which increases testing efficiency and safety. Additionally, the jaw faces are easily installed from the front side of grips and require no maintenance beyond simple cleaning. Lastly, the grips are field-serviceable reducing down time and eliminating the cost of sending the grips back to the factory for service.

For more information on Instron's products and services, visit www.instron.com. Click on 'Contact Us' to locate a sales, service and technical support office near you.

