



*The difference is measurable™*

## **NEW VERSION MPX: THE SAFE AND EFFICIENT SOLUTION FOR METALS IMPACT TESTING TO CHARPY AND IZOD STANDARDS**

Instron, a leading provider of testing equipment designed to evaluate mechanical properties of materials and components, offers the MPX Series of motorized pendulum impact testers that are essential for metals impact testing to Charpy and Izod standards.

The MPX Series offers a range of testing capabilities from 300 – 900 Joules and it comes standard with Fracta™ Software, which allows for reliable data acquisition and reporting of absorbed energy. If more advanced impact analysis and reporting is needed, upgrading to Impulse™ Data Acquisition Software and instrumentation will allow for direct measurement of impact force and striker velocity.

Key advantages of the MPX include:

### **Automatic Test Start**

The MPX is designed with an automatic test start as soon as the door closes, allowing for rapid testing and improving throughput while conforming to the international standards for non-ambient testing. The feature fully complies with NIST 5 second guidelines, specifying the time it should take for the specimen to leave the temperature conditioner and for the test to be complete.

### **Interchangeable Hammer Weights**

Most other pendulum impact testers on the market still require the hammer assembly to be completely removed in order to change weights. On the MPX, interchangeable hammer weights allow for quick and simple adjustment of the impact energy, removing the need for the time-consuming process of changing hammer shafts.

### **Safety**

The MPX features an integrated guard and safety control system that meets the stringent requirements for the European CE mark and for ISO 13849. Your operator is protected at all times during machine operation.

