

Four new products for weld inspection

American Welding Society | July 20, 2020

Presented by AWS

Weld inspections allow for various characteristics of the weld to be evaluated to ensure its quality, reliability and suitability for a particular application. Many of the modern conveniences we rely on every day, from kitchen gadgets to the vehicles that grant us safe travel, have welds that have been inspected for our safety. There are a multitude of tools and devices that facilitate weld inspections, with dozens of new products released every year. The following showcases four new weld inspection products that have recently hit the market.

Video borescope delivers a small diameter

Crafted by [ViewTech Borescopes](#), the VJ-3 2.2-mm mechanical articulating video borescope (Figure 4) is a small-diameter NDE tool for remote visual inspection of machinery, equipment and components. It has an ultra-thin, 2.2-mm insertion tube with a length of 1 m that facilitates the visual recording and photo documentation of an inspection, as well as components in areas that are otherwise inaccessible or require effort to access directly, thus ensuring every part is up to specification. It consists of two modules integrated into one system: an insertion tube with distally mounted camera/light-emitting diodes, plus a base unit with a control panel, liquid-crystal display monitor, power source and all necessary circuitry. It also features two-way, joystick-controlled articulation and a rugged, liquid-proof design.



Figure 4: The VJ-3 2.2-mm mechanical articulating video borescope from ViewTech Borescopes.