The new INFINITIE 2.0 is ROMER's easiest-to-use and most accurate articulating arm ever. New handling and performance features — along with patented infinite rotation, quick-change probes, exclusive wireless connectivity and battery power — provide INFINITIE portability and measuring power. INFINITIE 2.0 Plus models, with unsurpassed repeatability and volumetric accuracy, are ideal for the most demanding inspection tasks. ROMER also offers system verification "in the field" with a NIST-traceable calibrated length standard with every arm. This allows the operator to easily verify and document system performance for ISO or vendor requirements.
1. Patented infinite rotation of principle axes allows inspection in difficult-to-reach areas.


3. A new smaller, easy-grip head features an LED worklight and an integrated digital camera that allows the operator to graphically document a setup.

4. New SpinGrip infinite-rotating grips at elbow and forearm provide two low-friction grip positions for better ergonomics. SpinGrips allow the CMM to “float” in the operator’s hands, maximizing accuracy and minimizing operator fatigue.

5. Heidenhain encoders, manufactured to our specifications, offer “wide-track” bearing support that enhances performance.

6. Advanced carbon fiber arm tubes are strong, lightweight, thermally stable and feature a lifetime warranty.

7. An improved, low-profile Zero-G counterbalance reduces operator fatigue and delivers effortless control in all positions, including above and below the centerline.

8. An upgraded 802.11g WIFI connection — transmitting up to 6 times farther and 50 times faster than Bluetooth — allows the operator to position the computer where it is most convenient.

9. A Li-Ion battery allows on-site inspection without AC power or cables. A sealed battery cover prevents contamination of the battery compartment or accidental dislodging of the battery.

10. A quick-clip probe holster keeps three spare probes and the change key safe and handy.

11. The universal mounting system attaches to a variety of bases, including a magnetic mount for a smaller footprint and simplified set-up.

**PC-DMIS Portable is standard**

With the world’s largest installed base of any dimensional measurement and inspection software, PC-DMIS is the ideal match for the INFINITE 2.0. PC-DMIS Portable makes it easy to inspect parts in real-time, quickly generate new inspection programs and produce customizable results reports. PC-DMIS is compatible with most CAD files, and is available with optional direct CAD interfaces for even faster programming and improved accuracy.

**INFINITE 2.0 seven-axis CMM with new ScanShark™ non-contact laser scanning technology.**

Get unsurpassed real-time laser scanning capability that’s ideal for inspection and reverse engineering applications. Infinite rotation and internal cable design enables access to those difficult-to-reach places. See pages 8-9 for all the details.