

- SPINKNOB**
ergonomic infinite-rotation handling grip, minimise operator fatigue, ensure thermal stability and maximise accuracy
- ABSOLUTE ENCODERS**
exclusive to Absolute Arm, no referencing needed: power-on and measure
- INFINITE ROTATION**
on major axes
- ADVANCED MATERIALS**
high-end carbon-fibre construction ensures thermal stability
- HOMEREST**
secures the arm at home-position, especially when moving it to a new location
- ERGONOMICS**
wrist design with intelligent button positioning allow total control during measurement
- ROBUST FEEDBACK**
instant visual, acoustic and haptic feedback ensures accurate and efficient usage in harsh environments
- AUTOMATIC PROBE AND SENSOR RECOGNITION**
change touch-probes or mount laser sensors on the fly without any recalibration
- UNIQUE COUNTER-WEIGHT BALANCING**
minimises torque in the arm's base, allowing effortless movement, greater accuracy and various mounting options
- CONTROL PACKS**
interchangeable, boost functionality of all arms with laser scanning, Wi-Fi connection and full battery-powered operation
- EMBEDDED LED PICTOGRAMS**
for visual feedback of arm's functions and status
- MOUNTING OPTIONS**
integrated base allows use when placed on any flat surface, as well as direct bolting using magnetic anchors and quick-release magnets



-  **MEASUREMENT VOLUME**
1.2 m
VOLUME EXTENSION
Leap Frog Kit or GridLOK system allows large-volume extension
-  **2 ACCURACY LEVELS**
83 and 85 series
-  **24-MONTH WARRANTY**
on all Absolute Arms
-  **ISO** **ISO 10360-12**
certification as standard, with optional ISO 10360-2 certification available
-  **VERIFICATION ARTEFACTS**
supplied with each arm, allow users to verify system performance according to certification
-  **SERVICE CENTRES**
an extensive network of Hexagon Service Centres means quality service and support is always nearby
- RDS** **SMART**
proprietary software featuring Self-Monitoring Analysis and Reporting Technology (SMART) that manages the arm in the field by monitoring diagnostics including shocks and temperature
QUICK MEASURE built-in utility program allows basic measurements without additional software
-  **BUILT-IN Bluetooth®**
allows connection to several accessories (earphones, temperature sensors, etc.)
-  **OPTIONAL HP-L-8.9 LASER SCANNER**
turns the Compact into a scanning solution

CRITERIA FOR CHOOSING ABSOLUTE ARM COMPACT	Hexagon	(other)
Availability of various accuracy levels?	YES 2 levels	
Availability of extended-volume measurement options (i.e. up to 5-10 times the system's standard volumetric range)?	YES	
Probing accuracy specifications according to ISO 10360-12 (certification included)?	YES	
Probing accuracy specifications according to ISO 10360-2 (certification included)?	YES	
Compliance with impact, shock vibration, emissions and environmental norms (CE, IEC, etc.)?	YES (full list in manual)	
Does the system include artefacts and software so you can verify its accuracy performance compared to the specifications (software scripts/guides)?	YES	
Does the system include software for diagnostics and performance monitoring?	YES	
Is the system thermally stable (i.e. high-end carbon-fibre construction)?	YES	
Can the system measure immediately after power-on (no warm-up time)?	YES	
Does the system feature Absolute Encoders (with no need to be reset or 'zeroed' before measurement)?	YES	
Does the system's counterbalance mechanism allow the arm to be used comfortably and with a single hand (with an ergonomically designed wrist)?	YES	
Does the arm allow infinite rotation on major axes?	YES	
Does the system provide the operator with suitable feedback in any shop-floor environment (audio, visual and haptic warnings)?	YES	
Can the operator use the arm as a mouse (for remote computer control)?	YES	
Is wireless measurement available?	YES	
Is battery operation available (with hot-swappable batteries)?	YES	
Does the system feature built-in Bluetooth® that allows connection to several accessories (earphones, temperature sensors, etc.)?	YES	
Can the system accept the mounting of an external laser scanner?	YES	
Can probes or scanners be mounted and used without stopping to calibrate or select the probe in the software?	YES	
Can you easily swap probes without extra tools?	YES	
Are other probe types (extended or 'hooked' probes) available, in case you need to add more measurement capabilities later?	YES	
Is the system completely stable with no need for clamping?	YES	
Is there a variety of mounting options (magnetic, tripod, vacuum base)?	YES	
Is a dust cover for the arm included?	YES	
Does the system come with a single carrying case with wheels for mobility?	YES	
Is a 24-month warranty offered as standard with all systems?	YES	