



Mentor Visual iQ+ LongSteer

The power of productivity
in your hands

The Mentor Visual iQ+ LongSteer probe is your solution to visual inspection spaces like piping, heat exchangers, and boiler tubes. Complete with standard Mentor Visual iQ+ user interface, this probe easily navigates curving spaces via its single joystick through pneumatic articulation. Its QuickChange probe, integrated slip ring reel, and single joystick make LongSteer easy to use and customizable to any curving inspection space.

Scope of application

There are multiple applications for the MViQ+ LongSteer probe due to large variety of pipe inspections like heat exchangers, glass-lined tubes and vessels, nuclear plant components, boiler headers, polymer manufacturing plants, pharmaceuticals and food & beverage facilities. The MViQ+ LongSteer probe can inspect a wide variety of piping lengths due to the integrated slip ring reel which allows the user to remove as much or as little of the insertion tube. The QuickChange probe comes in 18m and 30m lengths to inspect even the longest pipes. An air compressor with an output of at least 120psi (to maximize inspection capabilities) attaches to the slip ring reel and enables the probe's pneumatic articulation. LongSteer will still function with lower air pressure, but it will not achieve the same level of articulation. Within piping the probe has all-way articulation, letting the user inspect every centimeter along the way with the single integrated joystick in the handset.



Slip Ring Reel: The user may remove as much or as little of the insertion tube while attached to the handset without interruption of operation. Min of 3m (10ft) required for full articulation.



LongSteer case can store the LongSteer probe pod and reel with the 30m probe, tip case, air regulator assembly, handset pole holder and swivel mount.

All custom LongSteer components are contained in the QuickChange probe part number. No additional components other than the MViQ+ handset and LongSteer probe need to be purchased.

Purchased like a standard Touch or Analyze system

- Purchase MViQ+ System Handset – MVIQCSYS2-CO or MVIQCSYS3-CO, etc.
- Purchase one of the below LongSteer QuickChange probes

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Part number	Description	Inst. tube diameter	Bending neck diameter	Head diameter	Minimum articulation	Articulation direction
MVIQCP84180-9058	MViQ LongSteer, 10mm x 18m	10.0 mm	8.4 mm	8.4 mm	120°	All-Way
MVIQCP84300-9060	MViQ LongSteer, 10mm x 30m	10.0 mm	8.4 mm	8.4 mm	120°	All-Way
MVIQCP61180-9063	MViQ LongSteer, 10mm x 18m	10.0 mm	8.4 mm	8.4 mm	120°	All-Way
MVIQCP61300-9062	MViQ LongSteer, 10mm x 30m	10.0 mm	8.4 mm	8.4 mm	120°	All-Way
MVIQDP61180-9061	MViQ LongSteer, 6.1mm x 18m	6.1 mm	6.1 mm	6.1 mm	80°	2-Way
MVIQDP61300-9059	MViQ LongSteer, 6.1mm x 30m	6.1 mm	6.1 mm	6.1 mm	80°	2-Way