

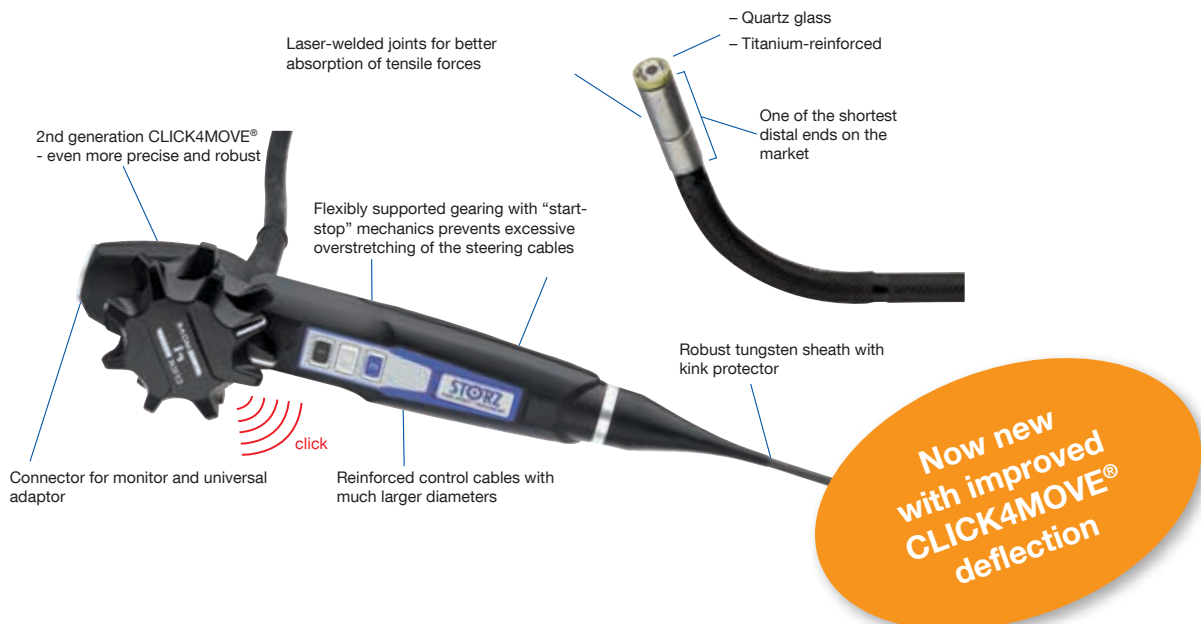
The new generation of 4 mm videoscopes for first-rate inspections



4.2-mm videoscopes with 2nd generation CLICK4MOVE® technology

KARL STORZ now presents the newest generation of CLICK4MOVE® videoscopes. Optimized deflection promises even easier control of the flexible tip. Its precise design allows easily performing 360° inspections of challenging and difficult-to-access components. Its new, robust structure permits much greater deflection than did previous technologies. This minimizes susceptibility to failure and thereby reduces repair costs.

The design of the videoscope's optical components was adapted to the LED illumination technology of the TECHNO PACK® T LED and generates impressive bright, true-color images.



Special features:

- Robust and water-proof design
- Working lengths of 2 m and 3 m
- Deflection of the flexible tip by 170° in four directions for 360° inspections
- Can be combined with older KARL STORZ models
- Newest, 2nd generation CLICK4MOVE® technology
- Four additional 100° wide-angle, interchangeable lenses for impressive, true-color images

81 2880 05-402* **Videoscope 2 m x diameter 4 mm**, PAL, industrial videoscope with outer diameter 4.2 mm, length 2 m, tungsten outer sheath, direction of view 0°, deflection 4x 140°, ergonomic handle with 3 function keys and CLICK4MOVE® deflection for 360° inspection including:

Videoscope 2 m x diameter 4.2 mm, PAL
Interchangeable Lens 0°, depth of view 20-200 mm
Storage Case

81 2880 05-403* **Videoscope 3 m x diameter 4 mm**, PAL, industrial videoscope with outer diameter 4.2 mm, length 3 m, tungsten outer sheath, direction of view 0°, deflection 4x 140°, ergonomic handle with 3 function keys and CLICK4MOVE® deflection for 360° inspection including:

Videoscope 3 m x diameter 4 mm, PAL
Interchangeable Lens 0°, depth of view 20-200 mm
Storage Case

* for use with TECHNO PACK® T LED, TECHNO PACK® T, TECHNO PACK® II/X/Xe and CCD TECHNO videoscope PAL

Interchangeable lenses

| Item no. | Diameter | Direction of view | Field of view | Depth of field | Color code |
|------------|----------|-------------------|---------------|----------------|------------|
| V 0407 WAH | 4.2 mm | 0° | 80° | 7 – 40 mm | Yellow |
| V 0407 WDH | | 90° | | | Red |
| V 0420 WAE | | 0° | 50° | 20 – 200 mm | Green |
| V 0420 WDE | | 90° | | | Blue |
| V 0401 WAJ | | 0° | 100° | 1 – 15 mm | |
| V 0401 WDJ | | 90° | | | |
| V 0415 WAJ | | 0° | | 15 mm– ∞ | |
| V 0415 WDJ | | 90° | | | |

Accessories for 4.2 mm and 4.4 mm MULTIPOINT videoscopes

V0X00 Click **Universal Adaptor for all CLICK4MOVE® videoscope types**
80603 **Multipurpose Stand**
80600H **Tension Rod for 80600 and 80603**

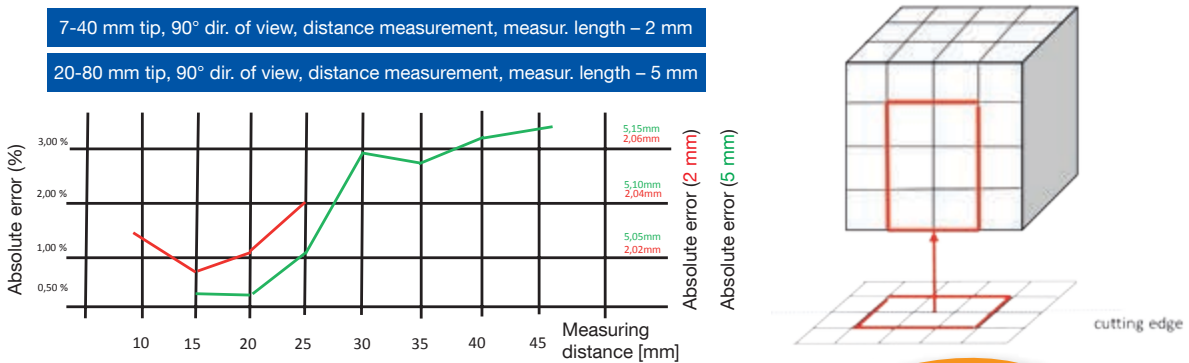
4.4 mm videoscopes with MULTIPOINT 3.0 measurement technology*

The smallest “See & Measure” videoscope combines top precision with state-of-the-art MULTIPOINT 3.0 technology. The short, flexible tip that can be deflected by 170° in four directions provides users with unexpected insights in the inspected components thanks to impressively bright and sharp images.

The system’s biggest advantage is that it allows inspecting and measuring with only a single attachment. There is no need for the time-consuming switching of attachments when performing different steps.

The optimized measurement software MULTIPOINT 3.0 allows carrying out up to eight different types of measurement. In length measurements, the high measurement precision is achieved up to a maximum measuring distance of 80 mm and at a tilt of up to 30°.

The newest 2nd generation CLICK4MOVE® technology allows thorough 360° inspection even in hard-to-view spaces.



* Values based on a measurement setup defined by KARL STORZ

Now new with
MULTIPOINT 3.0
measuring software

Special features:

- Highest-accuracy measurement at a measurement distance of up to 80 mm and with the videoscope tilted by up to 30°
- Smallest measurement videoscope with “See & Measure” function
- Optimal viewing thanks to full screen display as opposed to the half-images generated by the stereo measurement method
- Exact measurement results even under strong vibration

Eight measurement types allow performing a wide range of inspections



81 2880 15-402* Set MP Videoscope, length 2 m, sheath outer diameter 4 mm, distal tip diameter 4.4 mm, direction of view 0°, tungsten carbide sheath, hose radius of curvature min. 15 mm, lens radius of curvature min. 40 mm, 4-way deflection 170° with 360° inspection, lens with safety thread, ergonomic handle with 3 function keys and CLICK4MOVE® articulation including:

MP Videoscope 2 m x diameter 4 mm
Storage Case

81 2880 15-403* Set MP Videoscope, length 3 m, sheath outer diameter 4 mm, distal tip diameter 4.4 mm, direction of view 0°, tungsten carbide sheath, hose radius of curvature min. 15 mm, lens radius of curvature min. 40 mm, 4-way deflection 170° with 360° inspection, lens with safety thread, ergonomic handle with 3 function keys and CLICK4MOVE® articulation einschließlich:

MP Videoscope 3 m x diameter 4 mm
Storage Case

* for use with TECHNO PACK® T LED, TECHNO PACK® T, TECHNO PACK® II / X / Xe / and CCD TECHNO Videoendoskop PAL, MULTIPOINT measuring system in conjunction with TECHNO PACK® X / Xe / T LED, MULTIPOINT 3.0 in conjunction with TECHNO PACK® T LED only

Interchangeable lenses

| Item no. | Diameter | Direction of view | Field of view | Depth of field | Measurement range | Color code |
|-----------------|----------|-------------------|---------------|----------------|-------------------|------------|
| VP 0407 WAH MV | 4.4 mm | 0° | 80° | 7 – 40 mm | 7 – 40 mm | Yellow |
| VP 0407 WD H MV | | 90° | | | | Red |
| VP 0420 WA E MV | | 0° | 50° | 20 – 250 mm | 20 – 80 mm | Green |
| VP 0420 WDE MV | | 90° | | | | Blue |
| VP 0401 WA J | | 0° | 100° | 1 – 15 mm | – | – |
| VP 0401 WD J | | 90° | | | | – |
| VP 0415 WA J | | 0° | | 15 mm– ∞ | – | – |
| VP 0415 WD J | | 90° | | | | – |