PTP70II - P&T head camera Ø 79 mm – 300 mm

The pan & tilt head camera PTP70II disposes of endless rotation and a panning range of -20° – +110°. The pan & tilt camera PTP70II is connected to a crawler with the crawler adapter RCC70 or to the AGILIOS™ - push camera system by means of the spring connection SP70.

TECHNICAL DATA - PTP70II

Nominal pipe widths	DN 90 – DN 300
Pipe bend mobility	as of DN 100 / 90°
Push operation	yes
Crawler operation	yes (with RCC70)
Pressure tightness	up to max. 1 bar
Panning range	-20° – +110°
Rotation range	endless
Illumination	LED-Illumination
View angle	60° horizontal (image always upright))
Focus	5 mm - ∞ (manually)
Resolution horizontal	420 TVL / PAL
Iris control	fixed
Sensitivity to light	0.025 Lux
Upright picture	yes (in axial view)
Location transmission	512 Hz / 640 Hz (to be activated at choice, switch between frequencies)
Laser pointer	yes
Distance laser	25 mm
Internal pressure sensor	yes
Angle sensor for panning	yes
Angle sensor for rotation	yes
Protection class	IP68 up to 10 m water depth
Ambient temperature range	0 °C – 40 °C
Storage temperature range	-20 °C – 70 °C
Material	aluminum
Dimensions (ø x L)	72 x 112 mm (without SP70/RCC70)
Weight	1.0 kg (without SP70/RCC70)

- CMOS color camera
- Rotation and pan unit integrated in the camera head
- Endless rotation range
- Powerful homogeneous illumination through LED lighting
- Light control from 0 – 100%
- Impact-resistant lighting ring with integrated, inter-changeable bumper
- Upright picture (in axial view)
- Integrated laser to determine diameters and crack widths
- Location transmitter can be activated
- High sensitivity to light
- High resolution
- Indication of the panning and rotation angle on the GUI of the VC200/ DCX5000 and in the text generator (VC200)
- Internal pressure indication via system status VC200 / DCX5000
- With spring connection SP70 compatible to the AGILIOS™ - push camera system
- With crawler adapter RCC70 compatible to the ROVION®- inspection system
- Interruption-free panning of pipe connections
- Optionally available as EX version

iPEK International GmbH · See, Gewerbepark 22 · 87477 Sulzberg · GERMANY
+49 8376 921 800 +49 8376 921 8021 isg_info@idexcorp.com www.ipek.at

Issue: May 2016 – subject to changes.