

BOREHOLE CAMERA / Well-Camera.1-N

BOREHOLE CAMERA

WELL-CAMERA.1-N

Taking advantage of many years' experience in designing and manufacturing TV systems for borehole and well applications, PASI has created the innovative WELL-CAMERA; this compact lightweight tool is the answer for anyone looking for an easy-to-use, reliable and affordable tool for quick in-field video inspections.

A complete WELL-CAMERA.1-N system consists of:

- cable reel with camera head
- control unit with integrated monitor LCD, audio/video grabber board and microphone
- USB 2.0 cable for external PC connection (not included) for display and recording of pictures, movies and vocal comments
- connection cable between control unit and cable reel
- Battery charger



**Camera head waterproof up
to 35bar (350m)
Internal/external 12V battery**

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TECHNICAL SPECIFICATIONS WELL-CAMERA.1-N

Camera Head

Diameter	40mm
Length	150 mm
Sensor type	CCD 1/3"
Resolution	700 lines
Minimum intensity required	0.005 lux @ F 1.2
Lens	2.9mm fixed lens
Light type	8x high-intensity LED
Waterproof protection	IP68, water column of 350 m (35 bar)

Monitor

Display	9" TFT LCD
Image aspect ratio	16:9 or 4:3
Resolution	800x480 pixel
System	NTSC/PAL

Control unit

Power supply	internal or external 12V battery, for up to 8 hours of field use.
Digital output	integrated USB 2.0 audio/video grabber board + microphone for recording movies and vocal comments directly to any external Windows PC (iOS on request)
Analogue output	BNC connector
Weight	4,6 kg
Dimensions	24.1cm x 18.5cm x 10.5cm

Available models

TEL-311-000	MOD. WELL-CAMERA 1-N borehole TV camera with 100m cable	Reel dim. 26x28x31cm - 8 kg
TEL-312-000	MOD. WELL-CAMERA 1-N borehole TV camera with 200m cable	Reel dim. 36x28x31cm - 10,5 kg
TEL-313-000	MOD. WELL-CAMERA 1-N borehole TV camera with 300m cable	Reel dim. 46x28x31cm - 13,4 kg
TEL-314-000	MOD. WELL-CAMERA 1-N borehole TV camera with 400m cable	Reel dim.46x28x38cm - 17,4 kg
TEL-315-000	MOD. WELL-CAMERA 1-N borehole TV camera with 500m cable	Reel dim 46x28x38cm - 20 kg

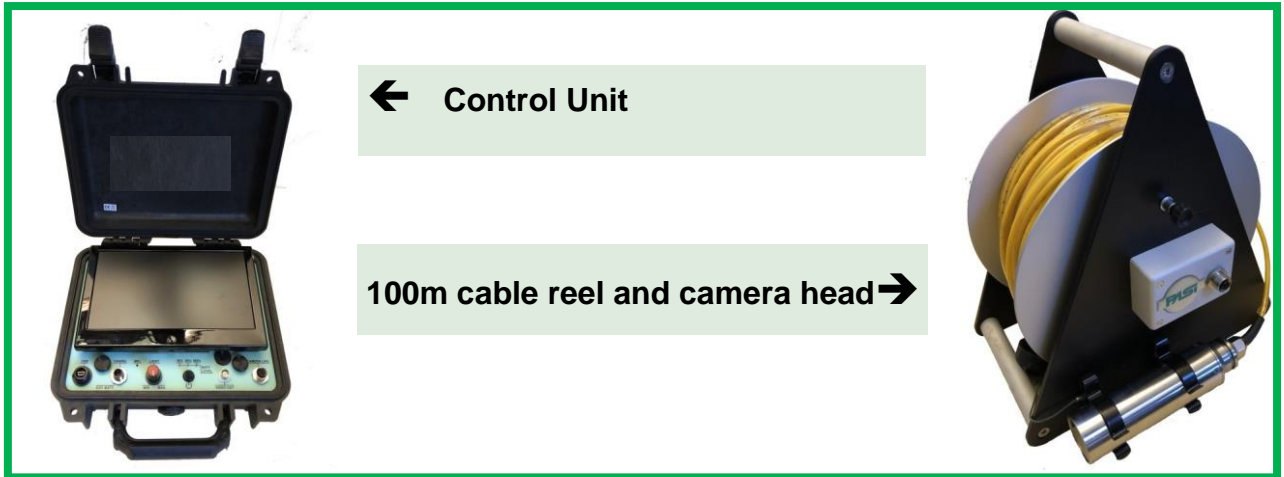
Accessories

ASPO 50	Reel with 50m of fiberglass cable
TEL-902-000	Centering device for horizontal use
TEL-903-000	Suspending tripod
TEL-904-000	Pulley assembly
TEL-906-000	90° view option
TEL-907-000	Centering device for vertical use
TEL-VAL-xxx	Transit case for cable reel and camera head

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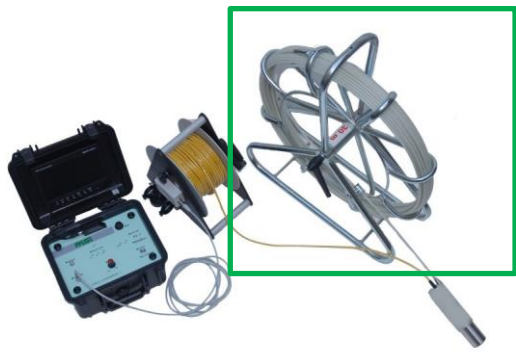
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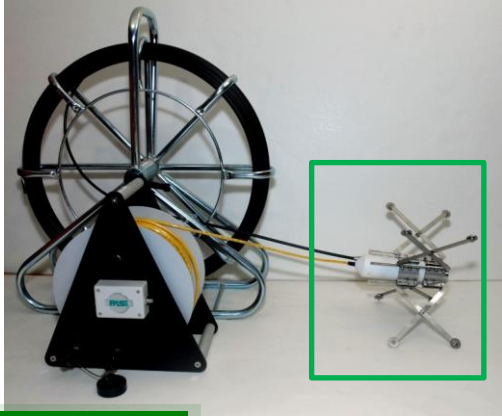
← Control Unit

100m cable reel and camera head →



← **ASPO 50**
Fiberglass pushrod with 50m fiberglass cable & Teflon adaptor for Well-Camera Head
Aspo dim: 51cm x 62cm x 22 cm - Weight: 5,55 kg
Teflon adaptor: Ø 4,2 cm x 12 cm

TEL-902-000
Adjustable stainless steel centering device for horizontal use (requires ASPO 50 option)
Dim. (Closed): 10,5 cm x 10,5 cm x 19 cm
Dim. (Open): 33,2 cm x 33,2 cm x 12 cm



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← **TEL-904-000 PULLEY ASSEMBLY**
To be fixed directly at the mouth of the well



TEL-903-000 SUSPENDING TRIPOD ↑

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← Transit cases for Well-Camera cable reel and camera head

TEL-VAL-000: 100m reels

Dim. 34cm x 40cm x 33cm - Weight: 6,5 kg

TEL-VAL-001: for 150m & 200m reels

Dim. 41cm x 40cm x 33cm - Weight: 7,3 kg

TEL-VAL-002: for 300m reel

Dim. 52cm x 43cm x 33cm - Weight: 9 kg

TEL-VAL-003: for 400m & 500m reels

Dim. 57cm x 43cm x 33cm - Weight: 10,4 kg



← 100m and 500m cable reel and camera head



← TEL-907-000

Centering device for vertical use from 80mm to 260mm diameter

TEL-906-000
90° view option

