

## BOREHOLE CAMERA / Well-Camera.2

BOREHOLE CAMERA

### WELL-CAMERA.2

Taking advantage of a great experience in designing and manufacturing TV systems for borehole and well applications, it was created the innovative WELL-CAMERA; this compact and lightweight tool is the answer to everybody who are looking for an easy to use, reliable an affordable tool for quick in-field video inspections.

A complete WELL-CAMERA.2 system consists of:

- reel and camera head
- control unit with integrated LCD, USB 2.0 grabber board and microphone
- encoder (optional accessory)
- battery charger



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



Well-Camera.2 is supplied complete of software and USB cable for display and recording of pictures, movies and vocal comments to any external laptop. In addition to this, the **electronic encoder** allows the recording of the depth values directly on the file for a detailed and accurate report.

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## TECHNICAL SPECIFICATIONS WELL-CAMERA.2

### Camera Head

Diameter	40mm
Lenght	150 mm
Sensor type	CCD 1/3"
Resolution	700 lines
Lens	2.9mm fixed lens
Minimum intensity required	0.005 lux @ F 1.2
Light type	8x high intensity leds
Waterproof protection	IP68, submergibile up to 350 m (35 bars)

### Monitor

Display	9" TFT LCD
Wide Screen	16:9 or 4:3
Resolution	800x480 pixel
System	NTSC/PAL

### Control Unit

Power supply	internal or external 12V battery, for up to 10 hours of field use.
Digital output	integrated USB 2.0 audio/video grabber board + microphone for saving movies and vocal comments directly to any external PC
Analog video output	BNC connector
Weight	6 kg
Size	30.6 cm x 23.4 cm x 13cm

### Encoder

Encoder	Optional accessory for WELL-Camera.2 only — for monitor display of depth and its automatic recording on file
Unit of measurement	Meter / Feet - User selectable

### Available models

TEL-401-000	MOD. WELL-CAMERA.2 borehole TV camera with 100m cable	Reel dim. 26x28x31cm - 8 kg
TEL-402-000	MOD. WELL-CAMERA.2 borehole TV camera with 200m cable	Reel dim. 36x28x31cm - 10,5 kg
TEL-403-000	MOD. WELL-CAMERA.2 borehole TV camera with 300m cable	Reel dim. 46x28x31cm - 13,4 kg
TEL-404-000	MOD. WELL-CAMERA.2 borehole TV camera with 400m cable	Reel dim.46x28x38cm - 17,4 kg
TEL-405-000	MOD. WELL-CAMERA.2 borehole TV camera with 500m cable	Reel dim 46x28x38cm - 20 kg

# BOREHOLE CAMERA / Well-Camera Accessories

BOREHOLE CAMERA

← Reels



500m reel & Control Unit →



← ASPO 50: with 50m of fiberglass cable & Teflon adapter for Well-Camera Head

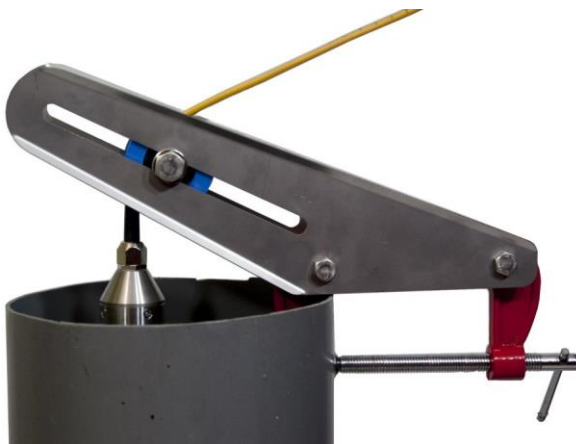
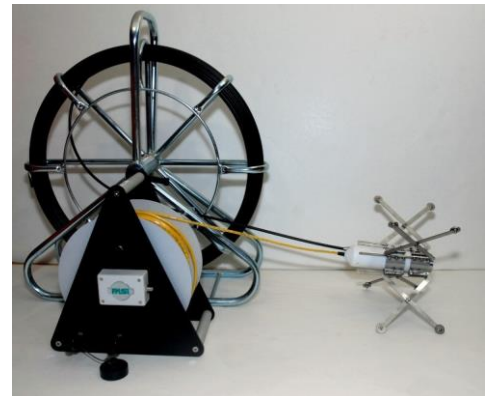
Aspo dim: 51cm x 62cm x 22 cm - Weight: 5,55 kg  
Teflon adapter: Ø 4,2 cm x 12 cm



TEL-902-000: adjustable stainless steel horizontal centering device (for 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 →



↑ TEL-904-000: pulley assembly (to be fixed at the mouth of the well)

TEL-903-000: suspending tripod →



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### ← Transit cases for Well-Camera reel & head:

**TEL-VAL-000: for 50m & 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

**TEL-908-000 ENCODER**  
(for Well-Camera.2 only) →



**TEL-906-000: 90° VIEW OPTION**  
with and without vertical centering device  
**TEL-907-000** (from 80 mm to 260 mm  
diam.) →

