

INSPECTOR® ZRK 70 Easybox

98325300



Inspector® ZRK 70

Ideal for the complete inspection of inlets and walls of pipes

98322068



Reel

- combi-cable
- length 60 m
- transportable
- guide holder
- storage tray

98324916



Remote Control

- control of all functions
- compact and robust

98325930



Easybox DVR

- text entry
- 10.4" LCD display
- DVR recorder USB
- USB interface laptop

FUNCTIONALITY >

< INSPECTION SYSTEM



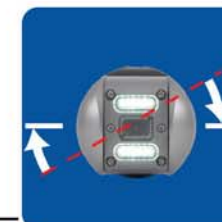
90 degree bends from ø110 mm



Guides for inspections to a minimum of ø400 mm



Endless rotation with socket test / 230° swerve



Auto levelling (horizon correction)



Usable on motorized trucks / vertical pipelines



Manual focus



Integrated transmitter (512 Hz)



12 super bright LEDs distribute the light optimally to prevent 'hot spots'



Tool for inspecting branches



Diameter determination by laser

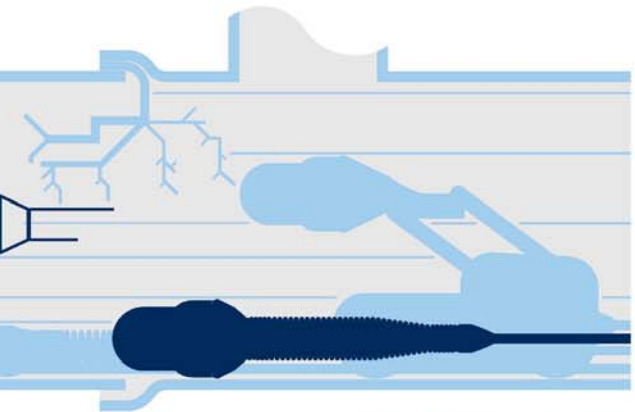
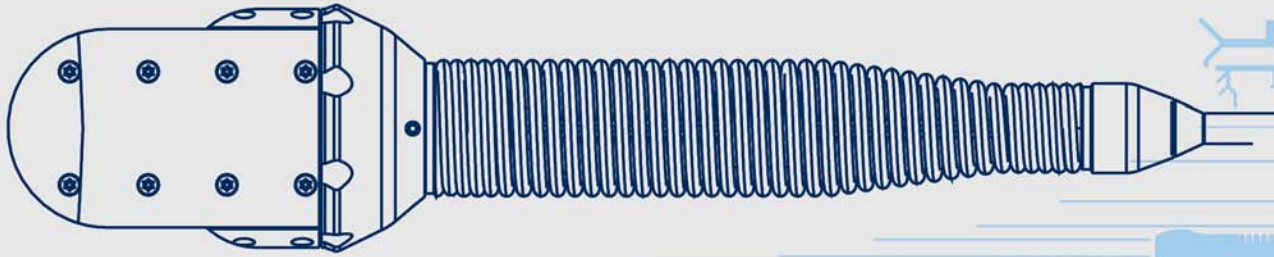
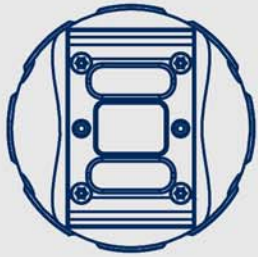
The *Inspector® ZRK 70* is a multifunctional camera; endlessly rotatable and swerveable. The ZRK 70 is thus ultimately suitable for the inspection of inlets and walls of drains and pipelines. The working range is from 110 mm to at least 500 mm!!!

Operation and functionality

Through its carefully chosen and tested shape, the ZRK 70 is simple to feed into and through a pipeline. The self-levelling function ensures that the image always remains 'upright'. The head can rotate endlessly and swivel through 230 degrees, so that a pipeline can be fully inspected. The 'socket test' directs the camera perpendicular to the wall so that the pipe connections can be checked simply. By adjusting the focus exactly you get the images pin-sharp. Above ground, the camera head may be traced using the built-in 512 Hz transmitter. Various guides are available for larger pipes. Using a special tool (optional), it is possible to 'steer' the camera head into a side branch. The laser function makes it possible to determine the pipe diameter and deformation. Additional software is optional. The ZRK 70 may also be used vertically or on a motorised trolley.

Check the demo movie: www.camtronics.nl/download/zrk70.wmv





INSPECTOR® ZRK 70 Easybox

98326000



Steering Unit
To steer the camera head in a branch

98325529



Guide 100
for pipes from 125 mm

98325627



Guide 170
for pipes from 200 mm

98326346



Guide 170 Sledge
for pipes from 200 mm

98326200



Motorized truck
can also be mounted on an Inspector® motorized truck

SPECIFICATIONS >

Inspector® ZRK 70 material

diameter (external) 72 mm
length 122 mm
color CCD camera 450 TV lines
objective f2,5 2,0
viewing angle (hvx) 84° x 62°
focus manual adjustable (hardened) 3 mm
glass 12 super bright white LEDs, opt. position
lighting optional, 1 component
laser 1 Lux
light sensitivity maximum 3 bar
waterproof endless
rotation 230°
swerve 855 gram
weight 512 Hz
transmitter -10 - 45 °C
temperature (usage) -10 - 60 °C
temperature (storage)

Reel

dimensions 70x30x80 cm
material metal galv., aluminium
weight 14 kg (60 m cable)
brake adjustable
holder for guides/remote control
cable combicable
glasfiber/electric 9 mm
diameter of combi-cable 60 mm
cable length prepared
meter counter on screen 3 m with connector
cable monitorbox 3 m with connector
cable remote control 125 mm
wheels

Easybox DVR

dimensions 52x38x22 cm
monitor 10,4" TFT LCD
monitor viewing angle mechanical adjustable
light control electronic
power in (mains) 230V AC ground conn.
video in/out BNC included
meter counter on screen included
textgenerator with small PC keyboard included
DVR with remote control included
USB interface, digitize images with software included
user interface remote control and OSD
languages EN, DE, NL, ES, FR, IT
recording functions record (pause), OTR
video format .MPG (MPEG codec)
frame rate 25 fps (PAL)
recording USB stick 16 Gb (max)
memory recording approx. 30 min/Gb
capacity approx. 4 Mbps
video bit rate 720x576 pixels (D1)
recording resolution 0 - 45 °C
temperature (usage) 0 - 50 °C
temperature (storage) 10,5 kg
weight

< ACCESSORIES

Inspector® systems are a Camtronics BV product. Customer-specific modifications are therefore possible!

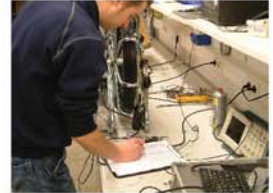
Inspector® development philosophy
Inspector® systems are developed to reflect the end user's requirements. During development, continuous improvement of ease of use and functionality is aimed at. In this, productivity of use is key. Durability is essential and is also tested in our test centre. The necessary wear components are easily replaceable by you or by our service centre.

Service

A camera system is used in severe circumstances. Service and maintenance is thus essential. Our own service centre in Son (near Eindhoven, the Netherlands) can assist you in this. Repair time is thus minimal and you are informed in advance about the costs. If desired, loan/ hire systems are available.

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Camtronics
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