



INSPECTOR[®] 48 Junior



Inspector[®] 48
 Robust for the inspection of pipes from 75 to 400 mm

98324600

Monitor
 ·5.6" display
 ·ready for use immediately
 ·adjustable viewing angle
 ·SD-USB recording (optional)



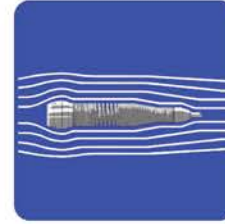
Reel
 ·combi-cable
 ·ø 8/4.5 mm
 ·cable length 30 m
 ·guide holder

98325555

FUNCTIONALITY > INSPECTION SYSTEM <



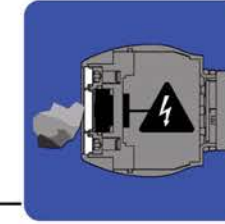
90 degree bends from ø75 mm



Streamlined shape for optimum feed-through



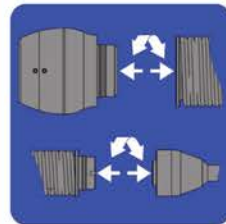
Guides for inspections to a minimum of ø400 mm



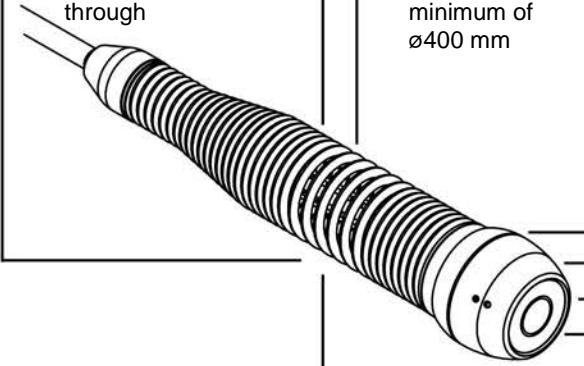
Double-sealed to protect electronics after glass breakage



Holder for guides



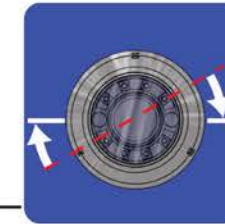
Exchangeable head and spring



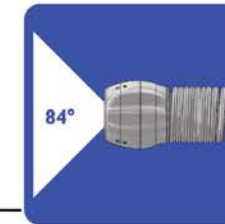
Transmitter 512 Hz (optional)



8 super bright white LEDs



Self levelling (horizon correction)



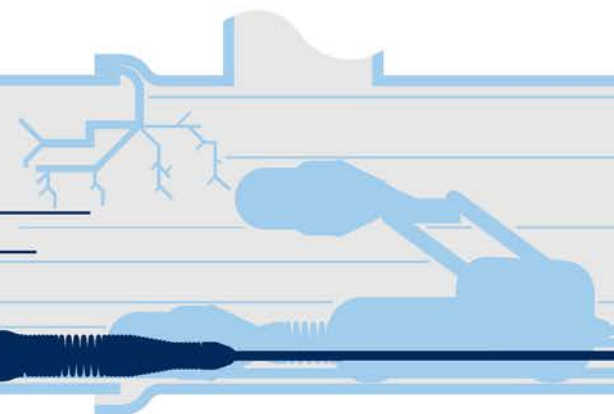
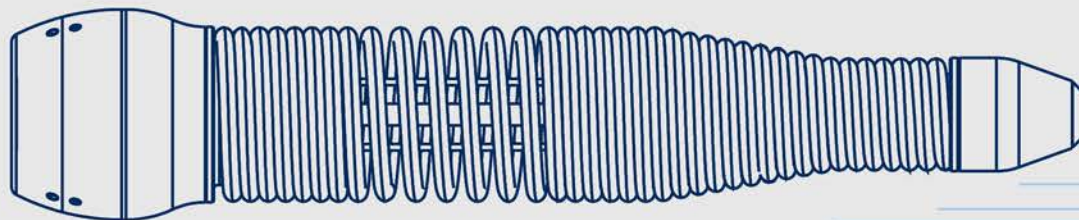
Large viewing angle (84°)

The *Inspector[®] 48* has a very robust camera head with an extremely high light yield. Your inspections are thus displayed clearly and true to life. The shapes of the head and spring are streamlined, so that the *Inspector[®] 48* can be fed through even easier. The working range is from 75 mm to at least 400 mm!!!

Operation and functionality
 Due to the feature known as the self-levelling function, also called horizon correction, the image always remains 'upright' while the camera head is fed through a pipeline. It is therefore always clear whether the camera head has gone to the left or right after going round a bend. The 8 super bright LEDs are controllable, so that the pipe may be fully illuminated. If you choose to have the optional 512 Hz transmitter you are able to trace the camera head from above ground. The camera head and spring may be detached from the combi-cable very straightforwardly. The *Inspector[®] 48 Junior* is supplied with a compact display screen. Which, optionally, can be ordered with SD-USB recording. This allows the system to be put into use quickly. It is also possible to obtain only a video output on the reel so that you can connect your own monitor.

Check the demo movie:
www.camtronics.nl/download/48.wmv





INSPECTOR[®] 48 Junior



98325356

Guide 70
for pipes
from 110 mm



98325380

Guide 142
for pipes
from 160 mm



98326346

Guide 170 Sledge
for pipes
from 200 mm



98322263

Inverter
from 12V to
230V



98325171

**USB video
adapter**
digitize images
with software

SPECIFICATIONS >

Inspector[®] 48

| | |
|-----------------------|-----------------------------|
| material | stainless |
| diameter (external) | 48 mm |
| length | 46 mm |
| color CCD camera | 450 TV lines |
| objective | f2,5 2,0 |
| viewing angle | (hvx) 84° x 62° |
| focus | fixed |
| glass | (hardened) 3 mm |
| lighting | 8 super bright white LEDs |
| light sensitivity | 1 Lux |
| waterproof | maximum 5 bar |
| horizon correction | automatically |
| transmitter | 512 Hz in spring (optional) |
| temperature (usage) | -10 - 45 °C |
| temperature (storage) | -10 - 60 °C |

Reel

| | |
|-------------------------|-------------------------------|
| dimensions | 55x27x65 cm |
| material | metal galv., aluminium |
| weight | 8 kg (30 m cable) |
| brake | adjustable |
| holder | for camera, for guides |
| cable | combicable glasfiber/electric |
| diameter of combi-cable | 7,5 mm |
| cable length | 30 - 60 m |
| meter counter on screen | prepared |
| cable monitorbox | 3 m with connector |

Controlbox on reel

| | |
|-------------------------|----------------------|
| dimensions | 170x120x55 mm |
| housing | aluminium |
| light control | electronic |
| power in (mains) | 230V AC ground conn. |
| video out | BNC |
| meter counter on screen | included |
| temperature (usage) | 0 - 45 °C |
| temperature (storage) | 0 - 50 °C |
| weight | approx. 850 gr |

Display on reel

| | |
|-----------------------|---------------------------------|
| dimensions | 182x136x61 mm |
| housing | aluminium anodized |
| monitor | 5,6" TFT LCD |
| monitor viewing angle | mechanical adjustable |
| recording | SD-USB + photo/video (optional) |
| video in | PAL |
| meter counter | on screen adjustable |
| sun cap | adjustable |
| temperature (usage) | 0 - 45 °C |
| temperature (storage) | 0 - 50 °C |
| weight | approx. 1 kg |

< ACCESSORIES

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

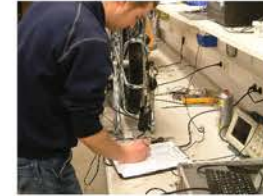
Inspector[®] development philosophy
Inspector[®] systems are developed to reflect the end user's requirements. During development, continuous improvement of ease of use and functionality is aimed at. In this, productivity of use is key. Durability is essential and is also tested in our test centre. The 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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