



# INSPECTOR<sup>®</sup> 48 Junior

98324600



**Inspector<sup>®</sup> 48**  
Robust for the inspection of pipes from 75 to 400 mm

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

98325555

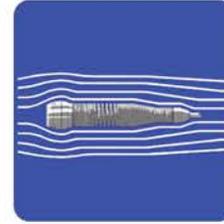


**Reel**  
·combi-cable  
·ø 8/4.5 mm  
·cable length 30 m  
·guide holder

FUNCTIONALITY > INSPECTION SYSTEM <



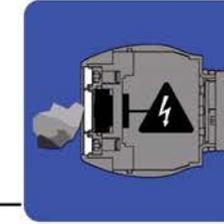
90 degree bends from ø75 mm



Streamlined shape for optimum feed-through



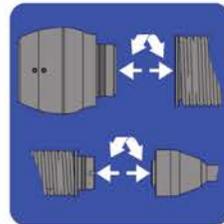
Guides for inspections to a minimum of ø400 mm



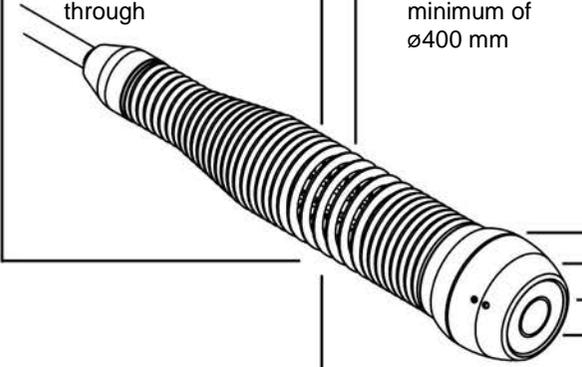
Double-sealed to protect electronics after glass breakage



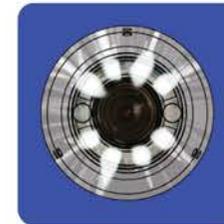
Holder for guides



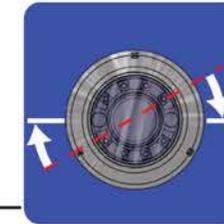
Exchangeable head and spring



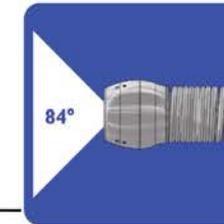
Transmitter 512 Hz (optional)



8 super bright white LEDs



Self levelling (horizon correction)



Large viewing angle (84°)

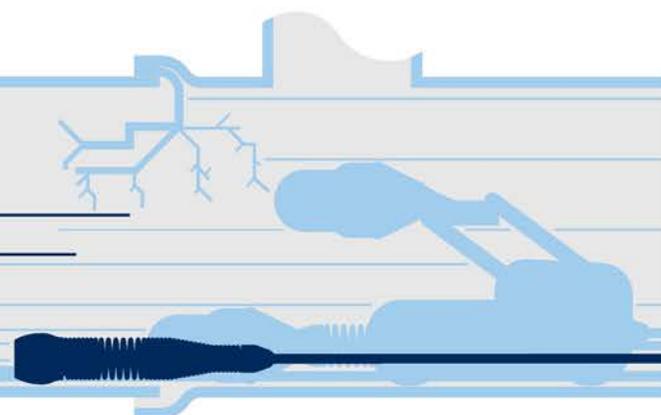
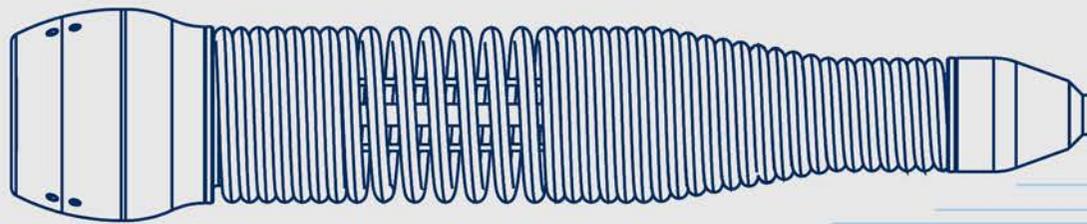
The *Inspector<sup>®</sup> 48* has a very robust camera head with an extremely high light yield. Your inspections are thus displayed clearly and true to life. The shapes of the head and spring are streamlined, so that the *Inspector<sup>®</sup> 48* can be fed through even easier. The working range is 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<sup>®</sup> 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](http://www.camtronics.nl/download/48.wmv)



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# INSPECTOR<sup>®</sup> 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<sup>®</sup> 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

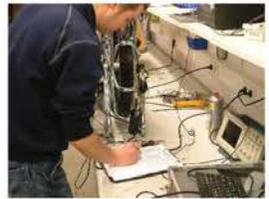
**Inspector<sup>®</sup> systems are a Camtronics BV product. Customer-specific modifications are therefore possible!**

**Inspector<sup>®</sup> development philosophy**  
Inspector<sup>®</sup> 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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