

INSPECTOR[®] 48 Junior



98324600

Inspector[®] 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)



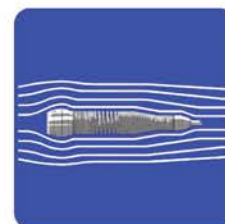
98325555

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

FUNCTIONALITY >
< INSPECTION SYSTEM



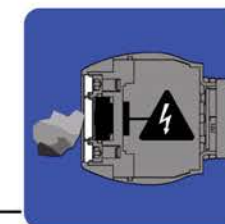
90 degree bends from ø75 mm



Streamlined shape for optimum feed-through



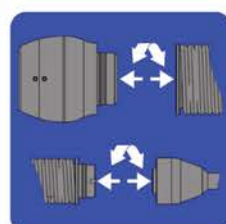
Guides for inspections to a minimum of ø400 mm



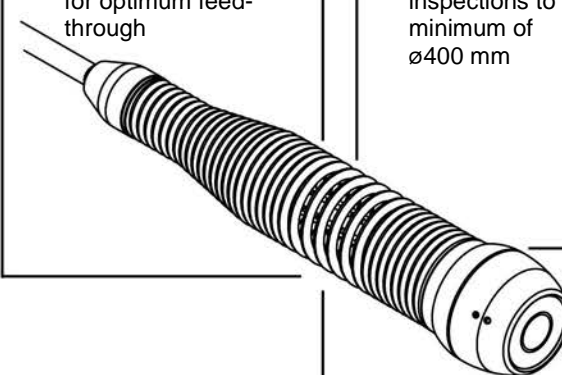
Double-sealed to protect electronics after glass breakage



Holder for guides



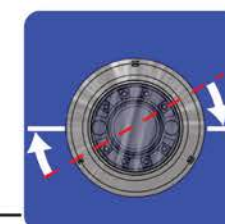
Exchangeable head and spring



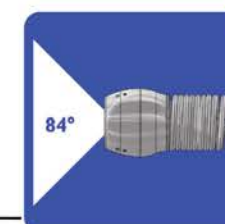
Transmitter 512 Hz (optional)



8 super bright white LEDs



Self levelling (horizon correction)



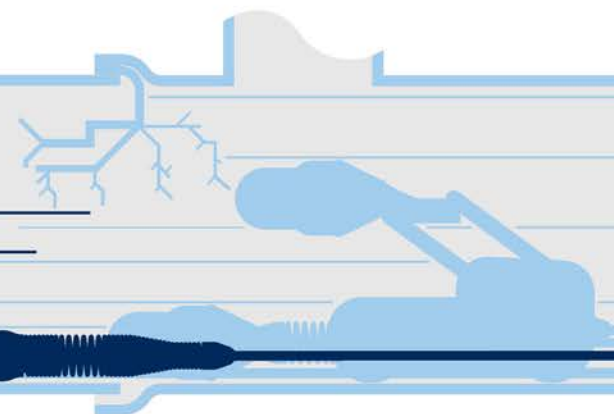
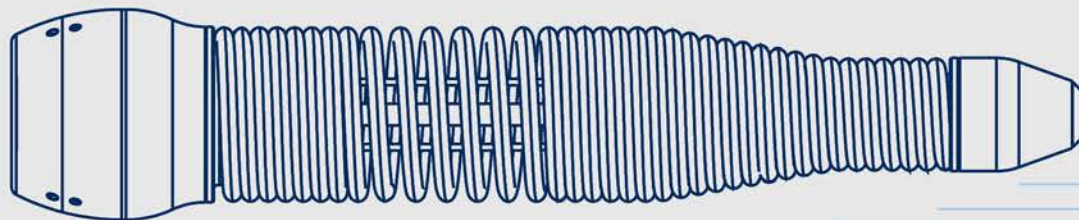
Large viewing angle (84°)

The *Inspector[®] 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



Guide 70
for pipes
from 110 mm



Guide 142
for pipes
from 160 mm



Guide 170 Sledge
for pipes
from 200 mm



Inverter
from 12V to
230V



**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 7,5 mm
diameter of combi-cable	30 - 60 m
cable length	prepared
meter counter on screen	
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
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.

Camtronics BV
Ekkersrijt 3209
5692 CG - Son
The Netherlands

Tel: +31(0)499-494590
Fax: +31(0)499-494591
e-mail: info@camtronics.nl



Camtronics
FOCUSED ON CAMERA SOLUTIONS

www.camtronics.nl