

AGILIOS™

Lay the foundation for solid growth towards becoming a Sewer Inspection Company

✓ Range of application from DN50 to DN300



▲ XR100 with Rovion



◀ With VC500

▶ XR60

◀ XR60 with VC500 *on side



Available in ATEX zone 1

INSPECTIONS IN ALL SITUATIONS

The latest AGILIOS generation has been developed with the goal to perform "Inspections in all situations".

The ultra-light coiler & variable control and placement possibilities offer ergonomic work conditions on all job sites.

In built batteries allow up to 6 hours of inspection time with out the need of charging or connection to a mains cable.

Modular AGILIOS sets offer you the freedom to decide whether you need a simple inspection system or a professional documentation solution. If later you decide that you want to perform better, the AGILIOS offers you simple extension options.

- ✔ Work anywhere, thanks to 6h of battery life
- ✔ Light weight frame
- ✔ 60m or 100m rod

EMBEDDED WINCAN INSPECTION SOFTWARE¹

Asset management software for waste water infrastructure.

WinCan VX is the newest version of software in WinCan's long history of pipe inspection and asset management.

Maintaining sewer assets starts with understanding asset conditions and WinCan makes it easy to collect detailed (Australian WSA standard or New Zealand NZPIM) compliant inspection data, analyse it and present a concise summary of asset structural and service conditions.

WinCan VX² also allows you to manage data in the office pre-inspection. Use GIS data to accurately prefill projects that can be loaded onto the VC500 saving valuable time in data entry. Post-inspection you can edit reports, add additional defect observations/photos, merge multiple projects, share with clients using free viewer software, and export it in a variety of formats.

- ✔ Create projects on the Agilios VC500 tablet to WSA standards, with Conduit Inspection Reporting Code of Australia Versions WSA 05-2008 2.2 & WSA 05-2013 3.1.
- ✔ Easily enter in pipe asset information required by the WSA or NZPIM standards, which can then be displayed on the video in completely customised on screen display text.
- ✔ Generate detailed reports including photos and videos that can be delivered on site to clients on USB
- ✔ WinCan Web - Cloud connection for a location-independent, quick exchange of project and inspection data via the internet* (Send a hyperlink directly to the client for easy viewing, print reports and download of the project)
- ✔ Free viewing software means all WinCan VX data can be shared for free with clients.



¹ VC500 option

² Additional WinCan VX licences required



VC500 ALL MEASUREMENT TOOLS AT A CLICK

Document the whole inspection process via touchscreen, comment on videos and create standard compliant reports at the push of a button.

- ✔ Suitable for daylight and construction sites
- ✔ Easy data exchange:
 - USB
 - XML File (Wincan, Project)
 - WIFI (Wincan Web)
- ✔ Upgradable software for WSA compliant inspections
- ✔ Same control unit as Rovion System
- ✔ Touch operation, more ergonomic thanks to the 2m coiled cable



PTP50 PAN AND TILT CAMERA FROM DN60

- ✔ Wide field of vision, 100° Angle
- ✔ High pipe bend mobility, 2 x 90° for DN75
- ✔ Rugged Design inter alia stainless steel front for more protection
- ✔ Integrated laser for crack and diameter measurement
- ✔ Integrated location transmitter (512 Hz, 640 Hz und 33 kHz)
- ✔ Panning range from -90° to +122°



AC40 SELF LEVELING CAMERA

- ✔ Hi resolution colour cam
- ✔ Self leveling
- ✔ 100° field of view
- ✔ Multi frequency sonde 33kHz, 512HZ, 640HZ



SPECIFICATIONS

AC40
Camera Head

Nominal pipe width	DN50 - DN225
Bend Radialis	from DN75/90°
Pressure tightness	up to max. 1 bar
Illumination	LED
Focus	4 cm up to ∞ (fix)
Resolution (horizontal)	500 TVL/PAL
Light sensitivity	0.4 Lux
Upright picture	Yes (self leveling)
Location	512 Hz/640 Hz/33 kHz (can be activated, switchable)
Internal pressure sensor	Yes
Protection class	IP68 up to 10 m of water depth

PTP50 P&T
Camera Head

Nominal pipe width	DN60 - DN300
Bend Radialis	Starting at DN 90/90°
Pressure tightness	up to max. 1 bar
Viewing range	-55° to +152°
Panning range	-90° to +122°
Rotation range	Endless
Illumination	LED
Angle of view	80° (horizontal)
Focus	1 mm to endless (adjustable)
Resolution (horizontal)	500 TVL/PAL
Light sensitivity	0.4 Lux
Location	512 Hz/640 Hz/33 kHz (can be activated, switchable)
Laser Pointer	Yes
Internal pressure sensor	Yes
Protection class	IP68 up to 10 m of water depth

VC500
Control Unit

Display type	TFT (2-fingers multi-touch)
Display size (diagonal)	10.1"/257 mm
Display resolution	1280 x 800 px
Display brightness	1280 cd/m ²
Viewing angle (hor./vert.)	150°/150°
Interfaces	2 x USB 2.0 (type A) 1 x Ethernet (RJ45) 1 x HDMI 1 x analog Video Out (BNC) 1 x WIFI
Internal memory	32 GB
Video format/picture format	MPEG4/H.264/ JPEG or PNG (selectable)
Protection class	IP55
Weight	Approx 1.8 kg (without spiral cable)
Wincan Inspections	Optional WSA/NZPIM2006
Inspection Catalogue Embedded	Optional



XR60

Application area	DN50 - DN300
Push rod length	60m
Push rod diameter	9 mm
Material (frame/basket)	Aluminium (powder coated)
Dimensions* (WxHxD)	580 x 706 x 323 mm
Weight*	17kg
Meter counter	Yes
Reel brake	Yes, adjustable
Voltage	110 - 230 VAC and 12 - 24 VDC
Exchangeable battery	2 pieces (with system)
Battery type	Li-ion
Battery life**	approx. 6h (3h/battery)
Battery capacity	6900 mAh/battery
Protection class	IP 55

XR100

Application area	DN50 - DN300
Push rod length	100m
Push rod diameter	11 mm
Material (frame/basket)	Aluminium (powder coated)
Dimensions* (WxHxD)	645 x 856 x 474 mm
Weight*	27kg
Meter counter	Yes
Reel brake	Yes, adjustable
Voltage	110 - 230 VAC and 12 - 24 VDC
Exchangeable battery	2 pieces (with system)
Battery type	Li-ion
Battery life**	approx. 6h (3h/battery)
Battery capacity	6900 mAh/battery
Protection class	IP 55

* incl. push rod, without camera, batteries, control panel and trolley.

** battery life depending on the used control panel, camera and environmental condition.

AGILIOS™

ACCESSORIES



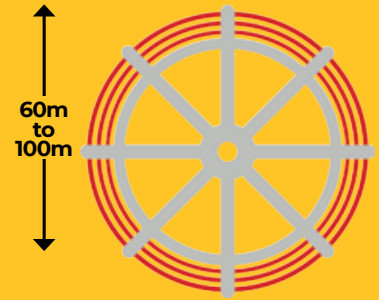
COILERS

Coilers with offer safe working in all situations and the inspection site is easily accessible thanks to the low weight XR60: 17kg, XR100 27kg and the integrated wheels (XR100 only).



Power Battery Pack

Two (2) Li-Ion battery pack for AGILIOS XR60 / XR100. Battery voltage: 14.4V



ROD

Our push rods are flexible and highly stable at the same time always ensuring the best feed so that you can fully focus on documentation and inspection.



AC40 Camera Head

The application area starts at DN50 and already offers a pipe bend mobility of 90 degrees from DN75. Available as EX or non-EX version.



PTP50 P&T Camera Head

Range of application from DN60 to DN300, high bend capability from DN75 with integrated laser and location transmitter.



Trolley

For the transport of the AGILIOS XR60 and XR100 coilers



VC500 Control Unit

Do simple projects or advanced WSA Wincan reports. Same functionality as a mainline Rovion System.



CENTERING & ROLLER SKIDS

Roller skids for centering the camera heads up to DN300.