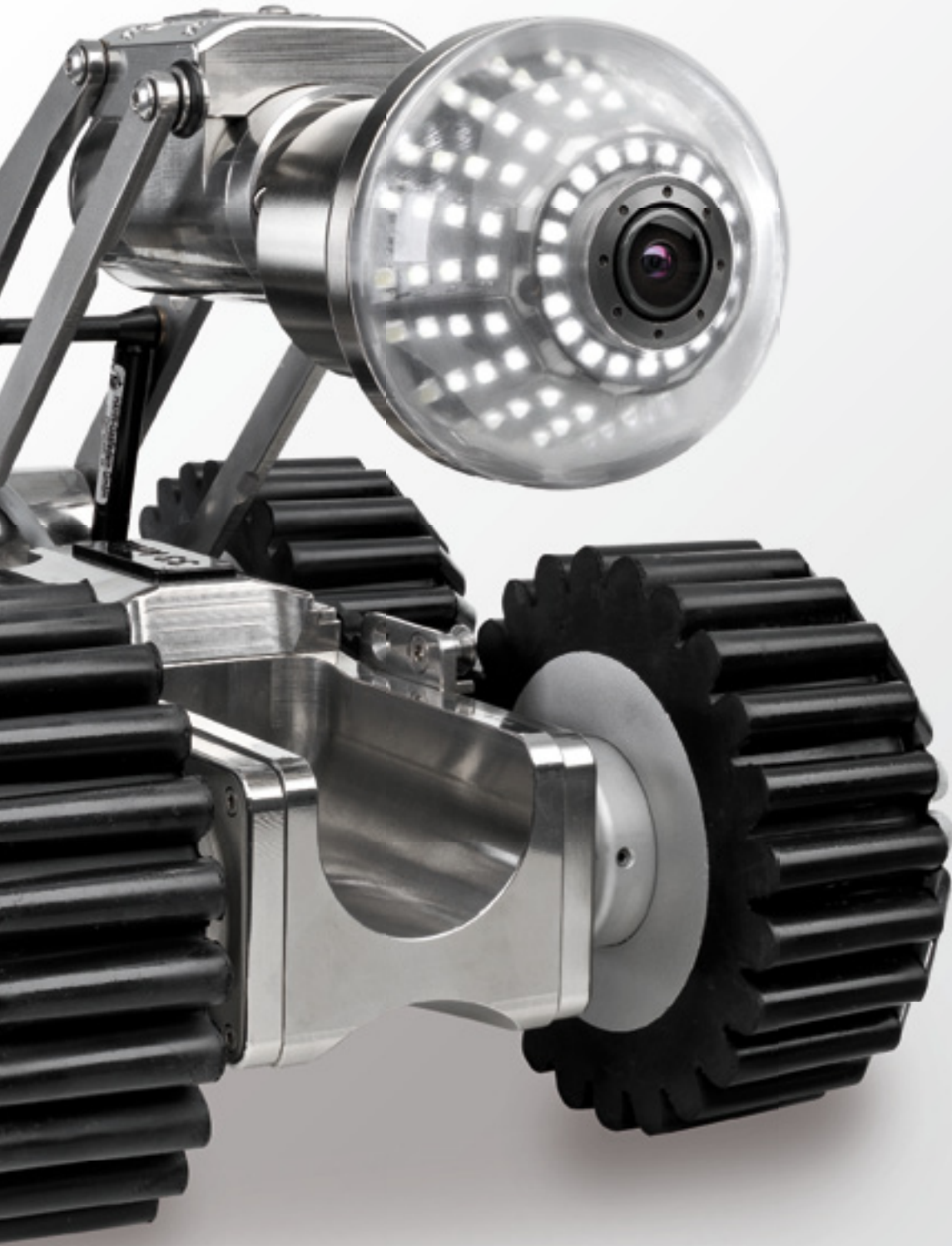


DigiSewer[®]

190° Inspection System



DIGISEWER[®]

EMOTIONAL TECHNOLOGY



DigiSewer® – 190° Inspection System

The **DigiSewer®** is the perfect add-on to our **SUPERVISION®**, **ROVION®** and **ROVVER®** inspection systems. Via its additional LED lights, the wide angle “fish eye” lens captures a whole 190° view of the pipe.

The **WinCan ScanExplorer** generates out of the analog video recordings a 2 dimensional view of the pipes surface. This extracted 2D blank gives the operator then a perfect overview of the pipe condition and provides an exact localisation and measurement of possible damages, laterals or joints.

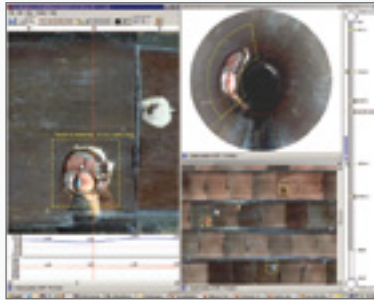
The **WinCan ScanExplorer** features various viewings like front, detail or overview and offers so an easy operation. By featuring a constant speed of the crawler the inspection reduces complexity and saves expensive inspection time.

Your saved inspection data can be sighted afterwards and reported with the **WinCan Viewer**. Additionally it is possible to extract later measurements out of the data.



WinCan ScanExplorer / ScanAnalyzer

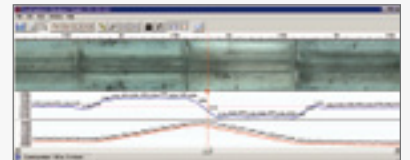
The **WinCan ScanExplorer** offers you a great variety of views, all linked and synchronized with each other. Pre-size measurement functions are integrated and easy to use. The digital data is packed by efficient algorithms to save up to 5 km of inspection data on one DVD. The new virtual 360° pan/tilt view enables the user to select the best sight up to the pipe and gives a virtual review to the crawlers back.



In fine the **WinCan ScanExplorer** features :

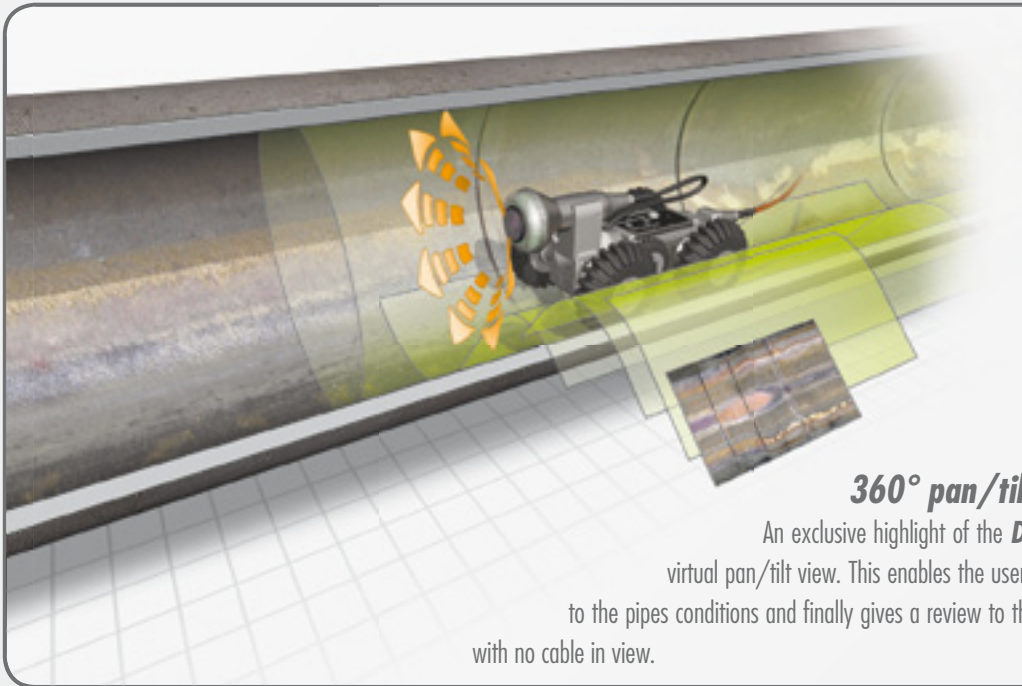
- exact measurements of damages
- high resolution views
- optimal integration of **WinCan**
- overviews of the whole pipe surface
- high operation speed
- automatic joint and lateral detection

Inclination measurement – During the inspection the **DigiSewer®** captures via an inclination sensor the inclination data and synchronizes it with the viewings on the screen. The **WinCan ScanExplorer** shows a diagram of the inclination state.



Reports— You can define your own reports with the **WinCan ScanExplorer**. With a few clicks your customer gets his self defined output and the software even features an independent interface for the data export to other software.





360° pan/tilt View

An exclusive highlight of the **DigiSewer**® system is the virtual pan/tilt view. This enables the user to select the best sight up to the pipes conditions and finally gives a review to the crawlers back – actually with no cable in view.

Technical Details

The **DigiSewer**® **DSIII** system matches to pipe diameters from 150 mm to 1000 mm (5.9" to 39.4").

Camera

Sensitivity	better than 1 Lux	Resolution PAL	752 x 582 pixel
Focus	manual	Pixel PAL	440.000 on colour 1/3" CCD
Shutter	automatic or manual		
White Balance	automatic white balance		
Temperature	0° - 60° C		

Optik

Focal Length	f = 2,8 ~ 3,4 mm	Temperature	-10° bis +45° C
Angle	125° / 190° / 190° (vertical / horizontal / diagonal)		

DigiSewer® complete unit (camera, USB adapter und WinScan software)

DigiSewer® complete unit incl. PC (software pre-installed)

DigiSewer® camera

DigiSewer® USB adapter box for **DigiSewer**® incl. software

Softwarepackage **WinScan**-Module **DigiSewer**® for **WinCan V8**

DigiSewer® LED ring

DigiSewer® lens E-LMVZ164



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