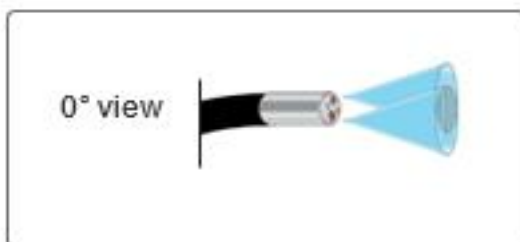
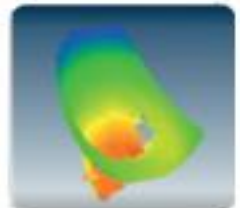
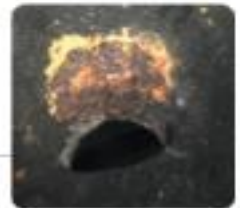


iX3D Flexible Scope Measurement System

**Professional 2D and 3D measurement
3D point cloud
Extremely easy to use.
Result in less than 1 minute**



Flexible monitor unit

- The monitor unit (10" display with touch functionality) **can be placed and used independently of the handheld probe** and in any location.
- Robust rugged tablet PC for industrial use with a ultra bright durable display



Efficient borescopy with **stereo vision**

iX3D is a precise and modular working video endoscope system for the execution of 2D and 3D surface inspection and measurement functionality in hard-to-reach areas.

The system offers 2 light weighted probes (0° forward view + 90° side view), each equipped with a stereo vision camera system generating 3D data. The simple and user-friendly **interface and measurement software is intuitive**.

The monitor unit can be positioned independently of the probe. The probes have a very low weight. Both allow **almost unlimited use in any environment**.

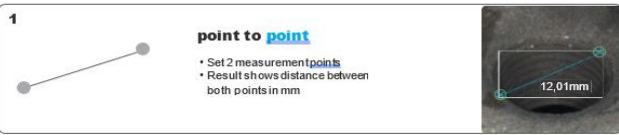


Different measurement types and control for honest results

1

point to point

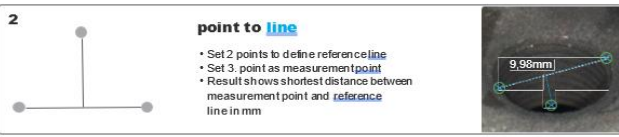
- Set 2 measurement points
- Result shows distance between both points in mm



2

point to line

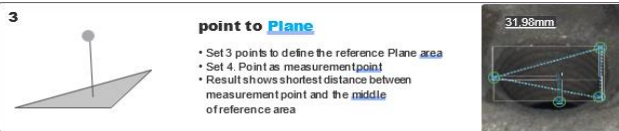
- Set 2 points to define reference line
- Set 3. point as measurement point
- Result shows shortest distance between measurement point and reference line in mm



3

point to Plane

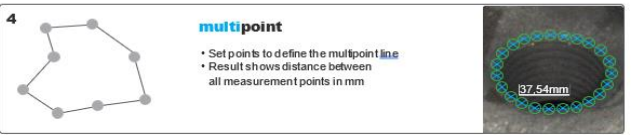
- Set 3 points to define the reference Plane area
- Set 4. Point as measurement point
- Result shows shortest distance between measurement point and the middle of reference area



4

multi point

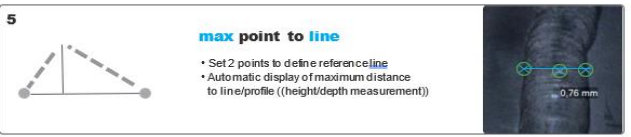
- Set points to define the multi point line
- Result shows distance between all measurement points in mm



5

max point to line

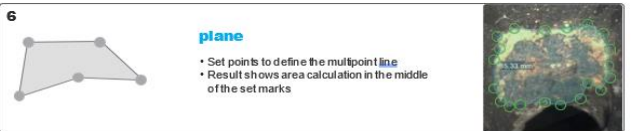
- Set 2 points to define reference line
- Automatic display of maximum distance to line/profile ((height/depth measurement))



6

plane

- Set points to define the multi point line
- Result shows area calculation in the middle of the set marks




4 mm – 6mm
diameter 1.5 m – 7.5 m
operating length 4-way articulation

iX3D measurement Carrying case

Delivery



VIDEOSCOPES

The **Pro**Series



COMPACT/PORTABLE

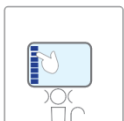
Individually configured

Compact videoscope systems from IT Concepts create the optimal solution for your application. The modular system offers an extensive selection of probes with different diameters and working lengths as well as camera and light technologies. This results in a huge spectrum of configuration possibilities.

The perfect solution for your application is always possible!



7" Touch display



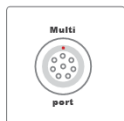
EIOS Software



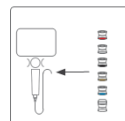
Wi-Fi Live stream



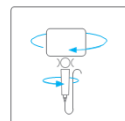
USB Auto-synchronization



USB Analog Video OUT



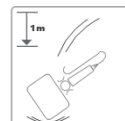
Interchangeable objectives



360° swivel monitor



Compact



Shock proof



Splash proof

MODULAR/PORTABLE



Choose a base and endlessly combine and exchange

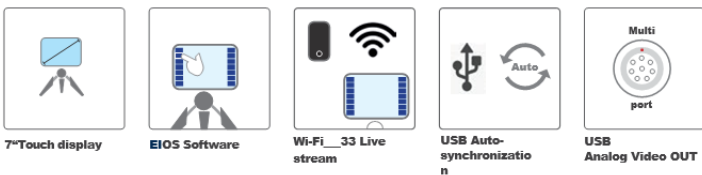


2.4 mm – 8mm diameter
1 m - 15 m operating length
4-way articulation

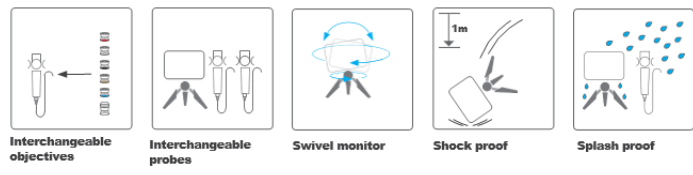
The perfect solution for every field of application is always possible!

The modular videoscope systems are infinitely variable due to the modular principle. The extensive selection of probes with different diameters and operating lengths as well as camera and light technologies form a huge spectrum of configuration possibilities.

Your ideal system can be put together individually and then supplemented as required if the application requirements change



7" Touch display EIOS Software Wi-Fi_33 Live stream USB Auto-synchronization Multi port Analog Video OUT



Interchangeable objectives Interchangeable probes Swivel monitor Shock proof Splash proof

BASE

EIOS - One software controls everything

The new documentation platform forms the centre of each Scope system from the new PROSERIES.



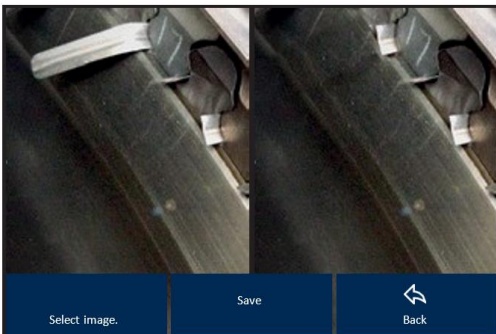
EIOS - the self-explanatory software can be operated completely intuitively via the touch display. All endoscopes from the PRO SERIES use it. The software has numerous functions to optimally evaluate and archive the acquired data as well as to forward it via USB or „wireless“.

FULL SCREEN



The switchable full-screen mode provides even better visibility of the inspection image.

Smart Inspector



The smart Inspector compares the stored images with the live image to detect changes in the object being inspected.

DUAL VIEW



DUAL SCOPE 0° view and 90° view.

More useful setting options

Livestream to mobile devices (Smartphone, Tablet, etc.) Watermark signature in stored images, Extensive marking, and labelling possibilities to support documentation, ...

Configuration

Sonden-Durchmesser



Arbeitslängen



COMPACT

iRIS X PRO/ iRIS 7 PRO

Videoscope System



iCAPTURE PRO

Documentation Unit



MODULAR

XLED PRO

Video Probe



iLED PRO

Video Probe



XLED 3

Video Probe



2-way / 4-way articulation

2.4 | 3.0 | 4.0 | 6.0 | 8.0mm probe

diameter Digital sensor/full format

sensor Interchangeable objectives

DUAL VIEW option

The iCAPTURE PRO / the HDMI PRO

Box and the HDMI ZOOM Box can be

combined and connected with all IT

Concepts PRO video probes as well as

all rigid and fibre endoscopes in

combination with the Cubecam Pro.

Interchangeable probes

2-way / 4-way articulation 2.4mm/
3.0mm / 4.0mm/ 6.0mm/ 8.0mm probe
diameter

Interchangeable objective's Dual
view option

* Alternative to iCAPTURE



All probes can alternatively be used with a monitor for the use of the ZOOM function and with a touch monitor for the use of the EIOS software.



** Alternative to the Videoscopes



Rigid, semi-flexible and flexible endoscopes
High precision / robust
Extremely small probe diameter 0.5 - 9.0 mm combinable
by adapter with CUBECAM PRO

The PRO SERIES allows endless variations.

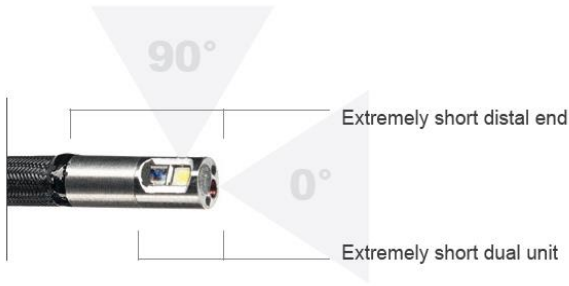
Choose a compact device for your special application.

Or put together the right system for you for different areas.

of application and expand it if necessary

DUALVIEW

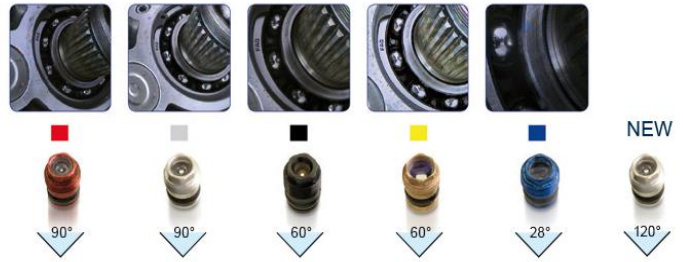
0° and 90° view simultaneously from 4 mm diameter



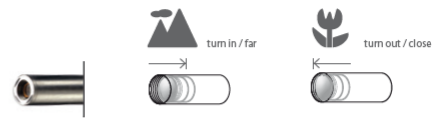
The side-mounted 90° camera is located directly at the distal end. Thus, dual vision is achieved without delay. The distal end is extremely short due to the compact design and therefore has the best possible navigation characteristics.

Interchangeable objectives

For a multitude of requirements (6 and 8mm probe diameter)



SMART FOCUS close-up and far focus by rotating the lens



Field of view, aperture values, working distance, ...

Get the best image with the right lens. The easily exchangeable interchangeable lenses are screwed into the probe head (without lengthening it). The working distance can be individually adjusted as needed.

