JT CONCEPTS

REAL 3D

Real Inspection | Real View



3D viewing & Measurement | Dual View | Working Channel Tools | UV | IR | ATEX | Rigid and flexible | Modular

Premium Detachable Model:

iLed Pro Videoscope



∅	6.0mm	8.0mm
⟷	1.5mtr – 7.5mtr	1.5mtr – 10mtr
👁	0^0 / 90^0	
✥	4-Way	
⟳	Available	

Premium Compact Model:

iRis 7 Pro Videoscope



∅	6.0mm	8.0mm
⟷	1.5mtr – 7.5mtr	1.5mtr – 10mtr
👁	0^0 / 90^0	
✥	4-Way	
⟳	Available	

Diameter ∅ Working length ⟷ Direction of view 👁 Articulation ✥ Interchangeable lens ⟳ Rotatable ↻

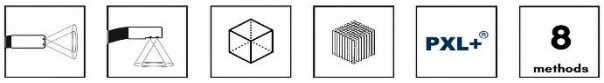
High-Precision 3D Inspection & Measurement System.

iX3D Flexible Measurement Videoscope





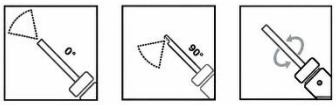
	4.0mm	6.0mm
⌀		
⟷	1.5mtr – 4.0mtr	1.5mtr – 5.0mtr
👁	0^0 / 90^0	
✥	4-Way	

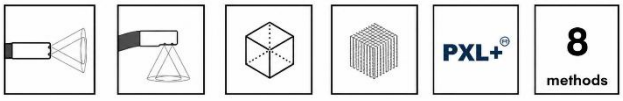


iX3DBO Rigid Measurement Videoscope



	6.0mm
⌀	
⟷	400mm / 800mm
👁	0^0 / 90^0
↻	340^0





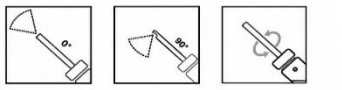
Diameter ⌀ Working length ⟷ Direction of view 👁 Articulation ✥ Interchangeable lens Rotatable ↻

Rigid Video Probe.

iXBO Rigid Videoscope



∅	**6.0mm**
⟷	260mm / 360mm / 1000mm / 1750mm
👁	0^0 / 90^0
↻	340^0



XTC Pro Videoscope (With Interchangeable camera head)

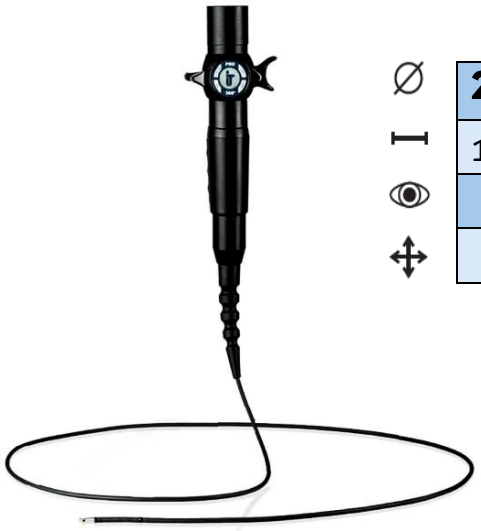


∅	**8.0mm**
⟷	10mtr /15mtr / 18mtr / 20mtr
👁	0^0 / 90^0
✣	4-way

Diameter ∅ Working length ⟷ Direction of view 👁 Articulation ✣ Interchangeable lens Rotatable ↻

Advanced Video Probe Technology for High-Performance Inspections.

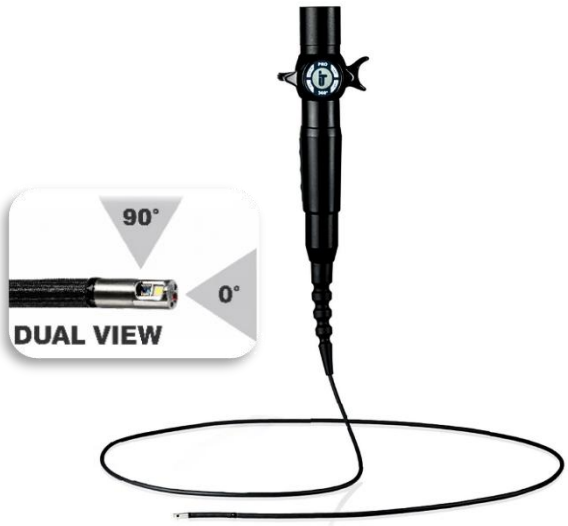
XLed Pro Videoscope



	2.4mm & 3.0mm	4.0mm	6.0mm
Working length	1.0mtr – 3.0mtr	1.5mtr – 4.0mtr	1.5mtr – 10mtr
Direction of view	0^0 / 90^0	0^0 / 90^0	
Articulation	2-Way	4-Way	

Flexible Dual View modular – fully configurable.

XLed Pro Dual View Videoscope



	4.0mm	6.0mm
Working length	1.5mtr – 4.0mtr	1.5mtr – 10mtr
Direction of view	0^0 & 90^0	
Articulation	4-Way	

Diameter ∅ Working length Direction of view Articulation Interchangeable lens Rotatable

Compact Systems - standard and special:

iRis 5 Touch



∅	4.0mm	6.0mm
⟷	1.5mtr – 3.0mtr	1.5mtr – 3.0mtr
👁	0⁰	
✥	4-Way	

iRis XT

- MIL-STD-810G with Change 1, Method 511.6, Procedure I
- Atex Category 3
- Class I, Division 2, Groups A, B, C, and D Hazardous Locations.



∅	4.0mm	6.0mm
⟷	1.5mtr – 3.0mtr	1.5mtr – 7.5mtr
👁	0⁰	
✥	4-Way	

iRis X Pro



∅	4.0mm	6.0mm
⟷	1.5mtr – 4.0mtr	1.5mtr –10mtr
👁	0⁰ & 90⁰	
✥	4-Way	

Diameter ∅ Working length ⟷ Direction of view 👁 Articulation ✥ Interchangeable lens Rotatable

Our portfolio briefly explained

Compact systems individually configurable



BASE



ATEX



ADVANCE

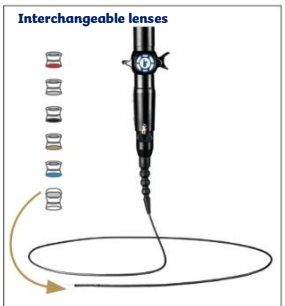


PREMIUM

Modular Devices individually configurable



BASE



PREMIUM



WORKING CHANNEL



DUAL VIEW



UV



RIGID



MEASUREMENT

+

Documentation Units



iCAPTURE PRO



10.1” IX3D RUGGED TAB



10.1” X RUGGED TAB



XEYE AUGMENTED

REAL 3D - View and Measurement (Software - the perfect interface)

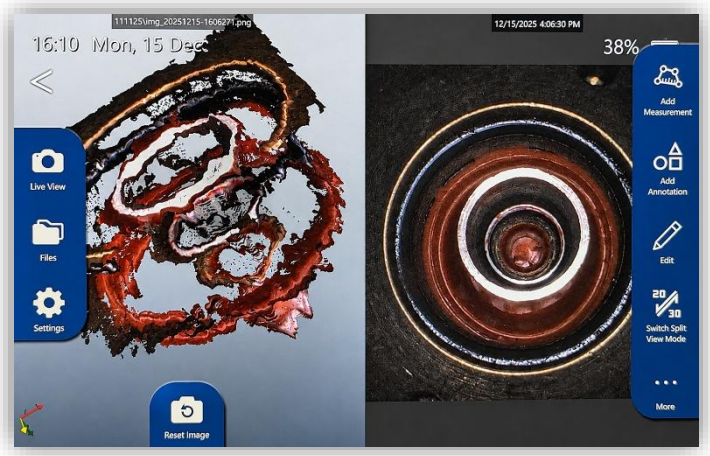
Maximum flexibility in use, so intuitive that you can start right away with the introduction of our new software solutions EIOS and iX3D, we are revolutionizing video endoscopy.

Our powerful software enables the seamless integration of our video probes on all Windows-based devices – from tablets and laptops to powerful workstations. By using state-of-the-art algorithms and an optimized interface architecture, EIOS and iX3D ensure high image quality in real time with realistic 3D image display. Automatic device recognition and user-friendly operation eliminate the need for extensive training – simply connect and you 're ready to use.

Software Suits

iX3D REAL 3D

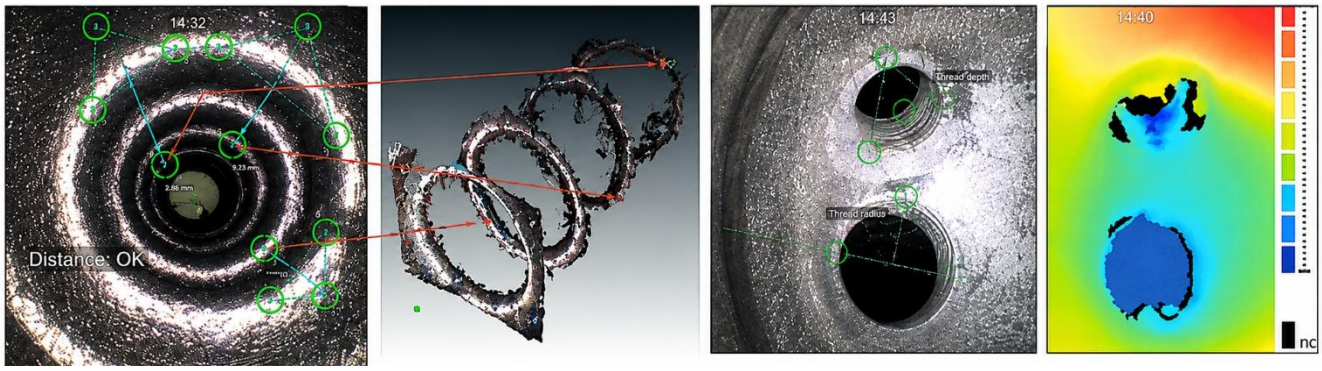
Our iX3D software offers far more than simple snapshots and video recordings. Combined with the iX3D stereo probe, it enables precise 3D measurements directly in the application. Outstanding image quality, precise 3D point clouds, and intuitive operation. Precise analysis and documentation – visualized in real-time 3D.



Features:

Image recordings
Video Recordings
Comments
Notes
Extensive Marking
PDF Report
3D Point Cloud
3D Measurement Methods

Our iX3D measurement software enables precise analyses through the targeted selection of optimal measurement methods. In addition to the classic 2D display, the freely rotatable 3D point cloud visualizes the set measurement points in the inspection space – for double control and maximum measurement accuracy.



iX3D measurement methods



Point to Point Set 2 measurement points, Result shows distance between both points in mm



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



Point to plane Set 3 points to defi ne the ref. Plane - Set 4. Point as measurement point – Result shows shortest distance between measurement point and the middle of reference area



Multipoint Set points to defi ne the multipoint line - Result shows distance between all measurement points in mm



Area In this measurement mode, you can set any number of points to form an area. The surface area will then be displayed. The points can also be moved afterwards



Profile In this measurement mode, the tread depth between two points can be displayed and analysed in a graph



Max depth in this measurement mode, you can create a plane using three points, just like in depth mode. The deepest point of the surface will then be displayed and a height profile will be created. The points can also be moved afterwards

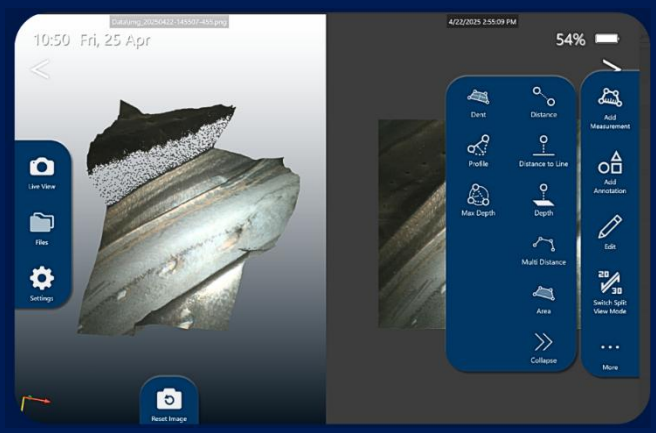


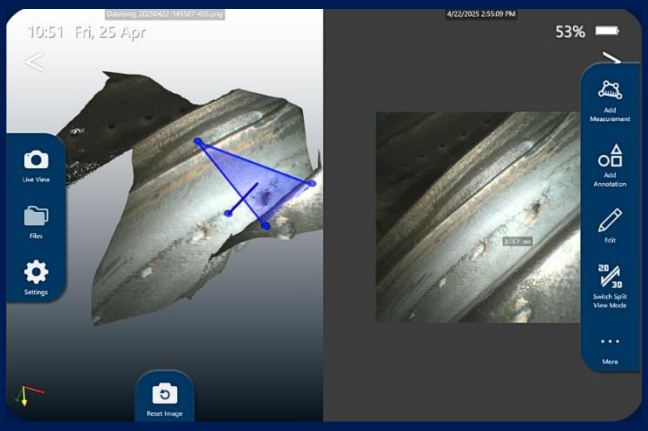
Dent Similar to Max Depth, you can select several points, but instead of a straight surface, the surrounding surface is interpolated. In the selected area, the largest deviation from the simulated surface is displayed, this mode is more suitable for finding dents on curved surfaces

REAL 3D

From JSC IT Concepts India

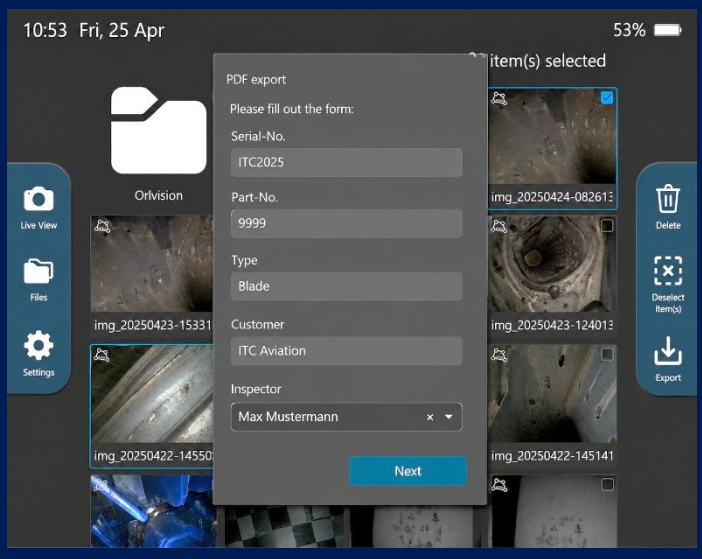
Real Three - Dimension Inspection





Measurement view with 2D/3D visualization for intuitive measurement of complex components

Simple report generation with 2D/3D view and measurement table





ITCONCEPTS

RVI Report

General Information

Serial-No.	ITC2025	Type	Blade
Part No.	9999	Customer	ITC Aviation
Inspector	Max Mustermann	Date	4/25/2025

Findings analysis

img_20250422-145507-455.png 4/22/2025 2:55 PM

2D view

3D view

Measurements

#	Type	Result
1	PointToPlane	3.87 mm

Experience the future of 3D with our latest measurement endoscope system and proprietary iX3D Software! we bring the human ability of special vision to life like never before.

3D has never been this real

REAL 3D

.... and you won't miss a single detail!



Rediscover Endoscopy like never before!

See more - thanks to realistic 3D perception in the inspection room.

We digitize human vision with two eyes to create perfect visibility and maximum detail accuracy.

Secure, compatible, user-friendly

Snap Mount Tripod



Snap Mount Clamp



Snap Mount Arm



The mobile High-Performance-Kit:

The XPAD becomes the ultimate all-in-one system with its ultra-compact, shock-protected rugged case, carrying handle, and infinitely adjustable endoscope holder. Additionally, the lockable connector box can be integrated to connect all IT Concepts endoscopes with 8 PIN.
Compact - mobile - ready to use!



Robust, compatible, powerful visuals, fast.

Our tablet solutions are specifically designed for professional use. Thanks to their robust casing and shock-resistant construction, they are ideal for daily use (MIL-STD-810H, dual high-capacity, hot-swappable battery packs) – even under demanding conditions. Equipped with high-resolution touchscreens, they deliver razor-sharp and detailed images.

Maximum mobility. Superior image quality. Full compatibility.

Rugged Tab



10.1" High-Brightness Display – 1000 nits
Touchscreen Display with digital pen support
Processor: Intel® Core™ i5 Pro® 12th Gen
Battery: Dual high-capacity, hot-swappable battery packs
Power: Up to 180W
Interchangeable battery packs
Protection: IP65-rated for water and dust resistance
Military Standard: MIL-STD-810H
I/O Port Caps: Easy-to-open patented design

XPAD Rugged Tab



Display: 13"
Resolution: 2880 × 1920 px
Battery: 1 Lithium-ion battery
RAM: 16 GB
Storage: 256 GB SSD
Military Standard: MIL-STD-810G
Build: Robust X-case
Hand Strap: Provided on the back
Carrying Handle: Provided on the top
Mounting: Snap-mount plate for mounts

Configuration

Probes

- iLed Pro
- iX3D Pro
- iX3DBO Pro
- iXBO Pro
- XLed Pro
- XLed Pro DV
- XTC Pro

Software

- EIOS
- iX3D

PC / Mounting

- XPAD



- Rugged Tab





Compact Systems

- iRis 7 Pro
- iRis X Pro
- iRis XT
- iRis 5 Touch

Equipment Cart





Case



XEYE



Special Mountings







“We Build Your Remote Vision”



I Can See.

What You Can’t...

Manufactured by: JSC IT Concepts India Pvt Ltd.

B-216, 1st Floor, Okhla Industrial Area Phase-1, New Delhi-110020, : +91-11- 44729518.

: info@jscitconcepts.com : www.jscitconcepts.com