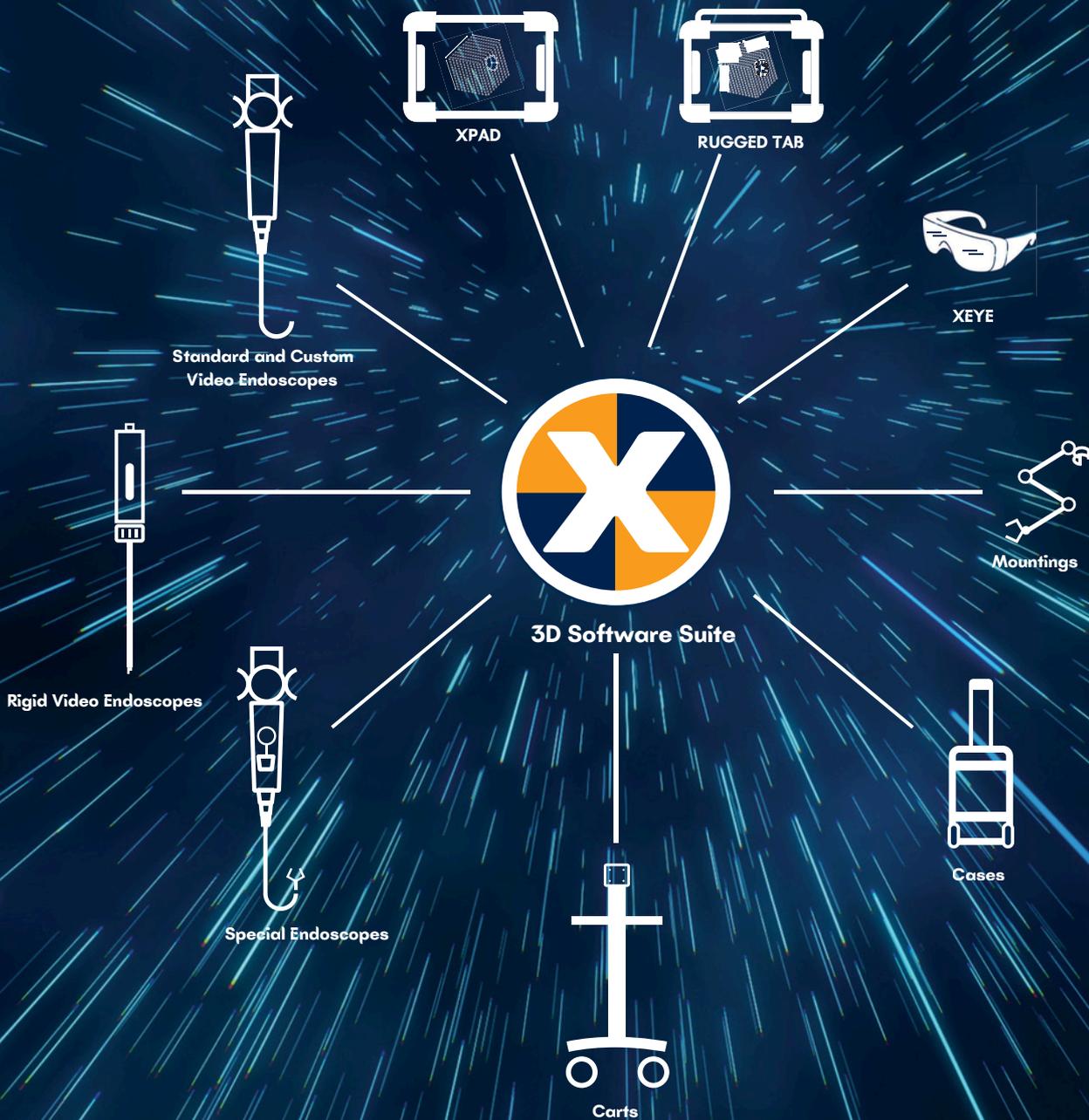


REAL 3D

REAL 3D | REAL INSPECTION | REAL VIEW



For your application

Video probes in a variety of versions. From rigid to Working channels with exchangeable tools.

iX3D  **HD**



∅ **4.0mm**

┌ from 1.5m

👁 0° / 0° | 90° / 90°

↕ 4-way

6.0mm

┌ from 1.5m

👁 0° / 0° | 90° / 90°

↕ 4-way



iXBO  **HD**



∅ **4.0mm**

┌ from 100mm

👁 0° / 0° | 90° / 90°

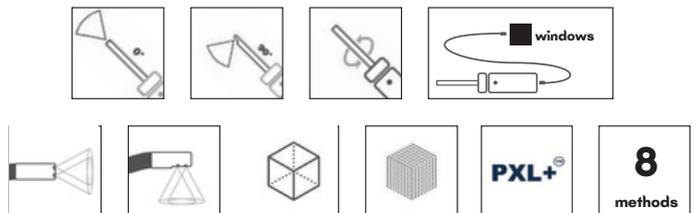
↕ 340°

6.0mm

┌ from 100mm

👁 0° / 0° | 90° / 90°

↕ 340°



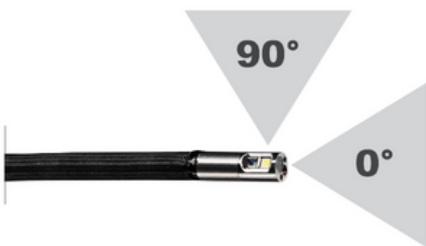
XLed Pro  **HD**



	2.4mm	3.0mm	4.0mm	6.0mm
∅	2.4mm	3.0mm	4.0mm	6.0mm
┌─	from 1.0m	from 1.0m	from 1.0m	from 1.5m
👁	0° / 90°	0° / 90°	0° / 90°	0° / 90°
↕	2-way	2-way	4-way	4-way

Flexible, ultra-thin to robust, UV to dual view. Compactor modular – fully configurable!

XLed Pro Dual View  **HD**



	4.0mm	6.0mm
∅	4.0mm	6.0mm
┌─	from 1.5m	from 1.5m
👁	0° + 90°	0° + 90°
↕	4-way	4-way



Rotatable 

Working lengths depending on the model up to 7.5m 4-way / or up to 15m without articulation

Compact Systems - standards and specials

iRis 5 Touch



∅	4.0mm	6.0mm
—	2m / 3m	2m / 3m
👁️	0°	0°
↕	4-way	4-way

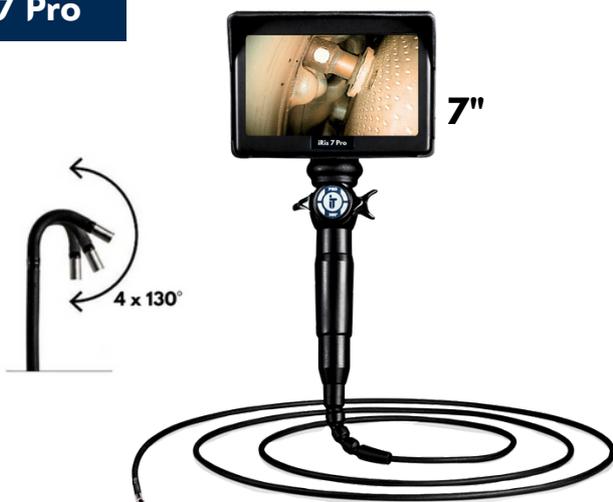
iRis XT

Atex Category



∅	4.0mm	6.0mm
—	1.5m - 7.5m	1.5m - 7.5m
👁️	0°	0°
↕	4-way	4-way

iRis 7 Pro



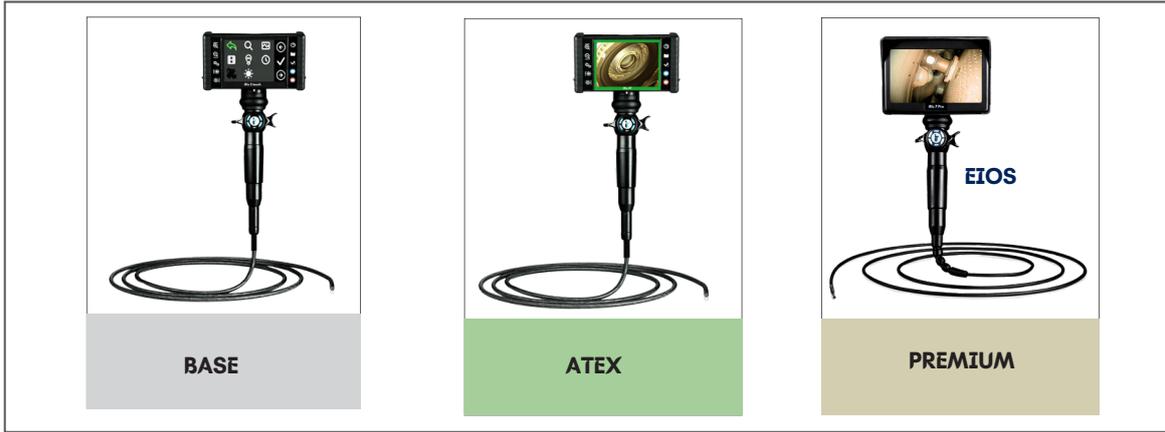
∅	4.0mm	6.0mm	8.0mm
—	from 1.5m	from 1.5m	from 1.5m
👁️	0°	0°	0°
↕	4-way	4-way	4-way

Maximum modularity for your application

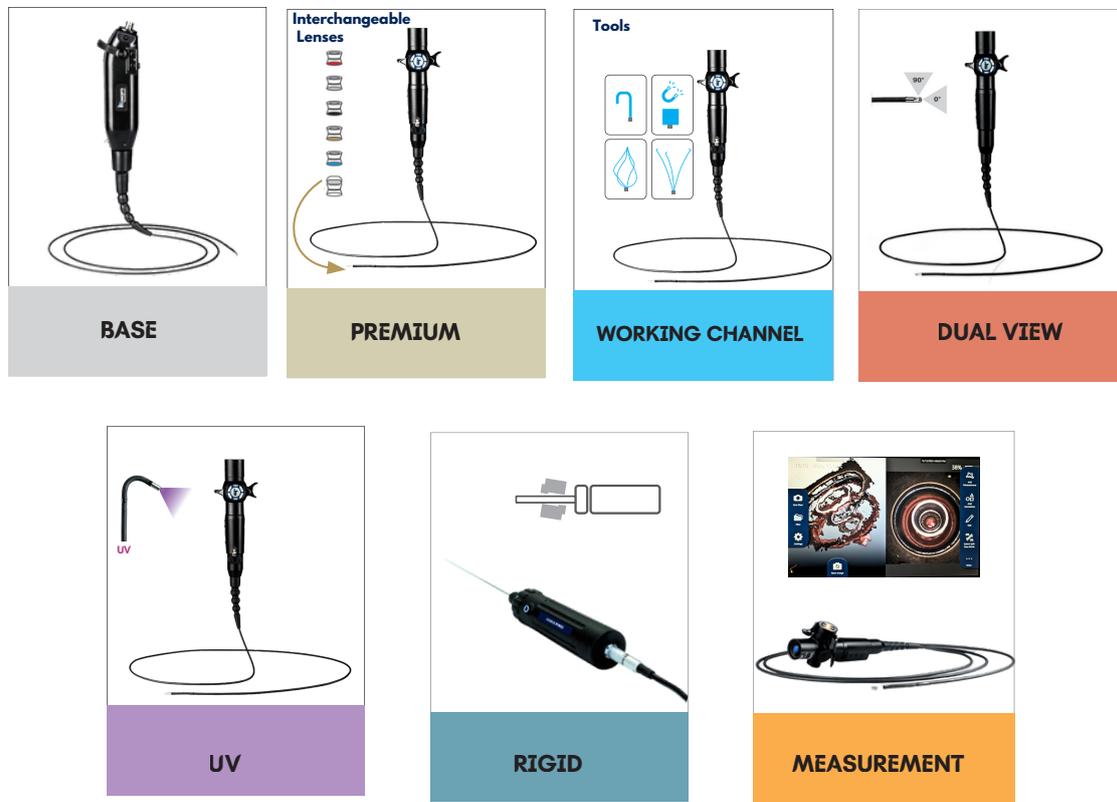
Our versatile modular system offers a wide variety of combinations – from a wide range of endoscopes and computer and software solutions to equipment carts, holders, and special accessories. The number of possible variants is so large that it cannot be fully presented in this brochure. To ensure you receive the optimal solution for your application, we recommend a personal consultation with our specialist consultants. Together, we will analyze your requirements and create a customized configuration – tailored to your needs, functionally, and goal-oriented.

Our portfolio briefly explained

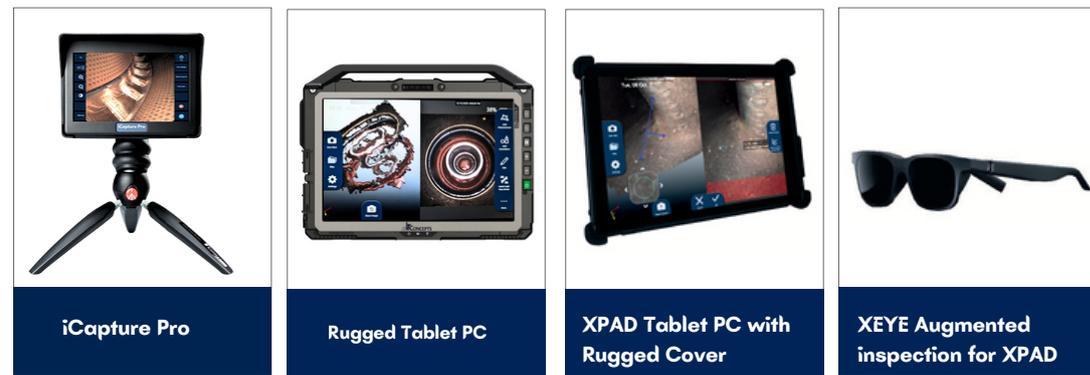
Compact systems individually configurable



Modular devices individually configurable



Documentation units



Compact devices / Overview

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 XOS 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, XOS 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 Suite

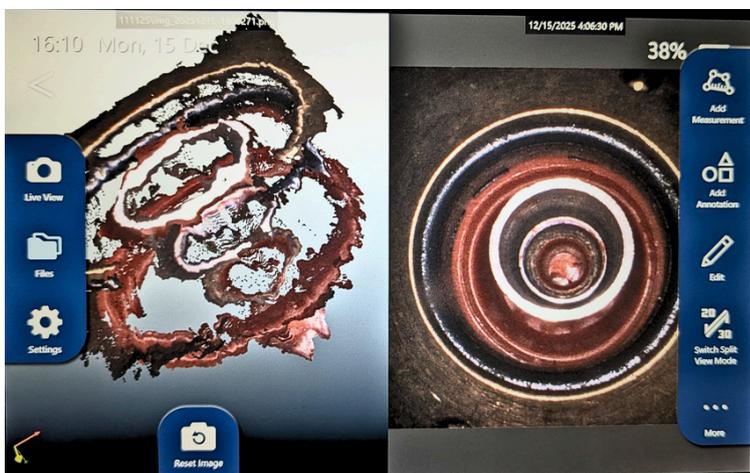


iX3D REAL 3D

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.

XOS

This version contains all functions and settings of the iX3D software – with the exception of the measurement function – and is ideal for applications where direct measurement is not required, but all other options should still be used.



Features:

Image recordings

Video recordings

Comments

Notes

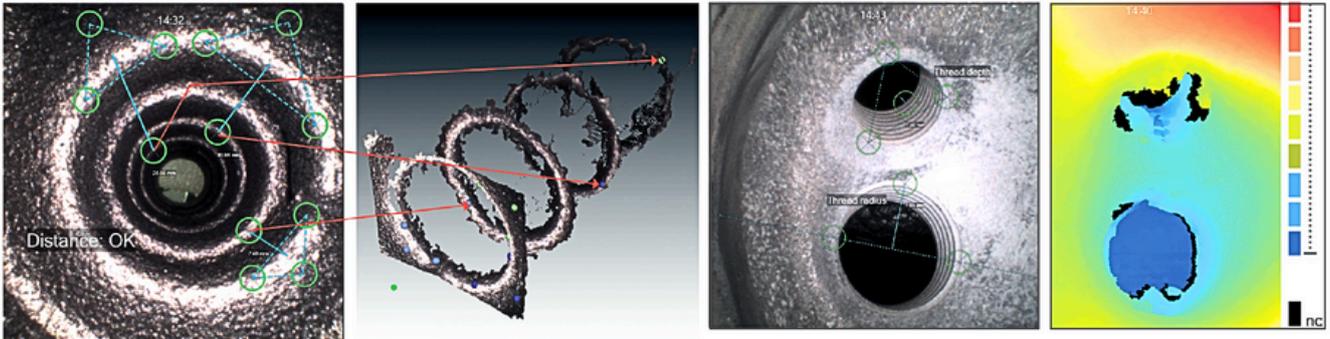
Extensive markings

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 define 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 define 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 define 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 analyzed 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

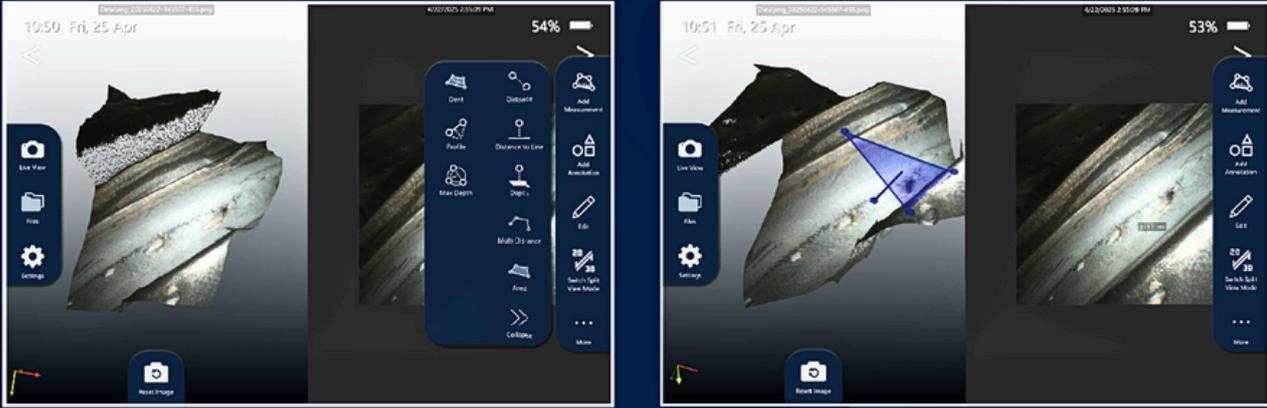


Dent Similar to Max Depth, you can select several points, but instead of a straight surface, the surrounding surface is interpolated. In the selected area, the largest deviation from the simulated surface is displayed; this mode is more suitable for finding dents on curved surfaces

REAL 3D

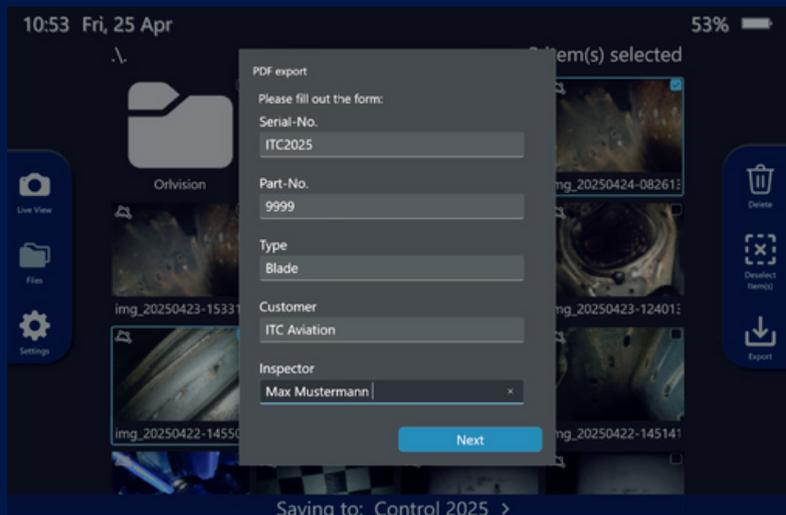
From JSC IT Concepts

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



Report as PDF file

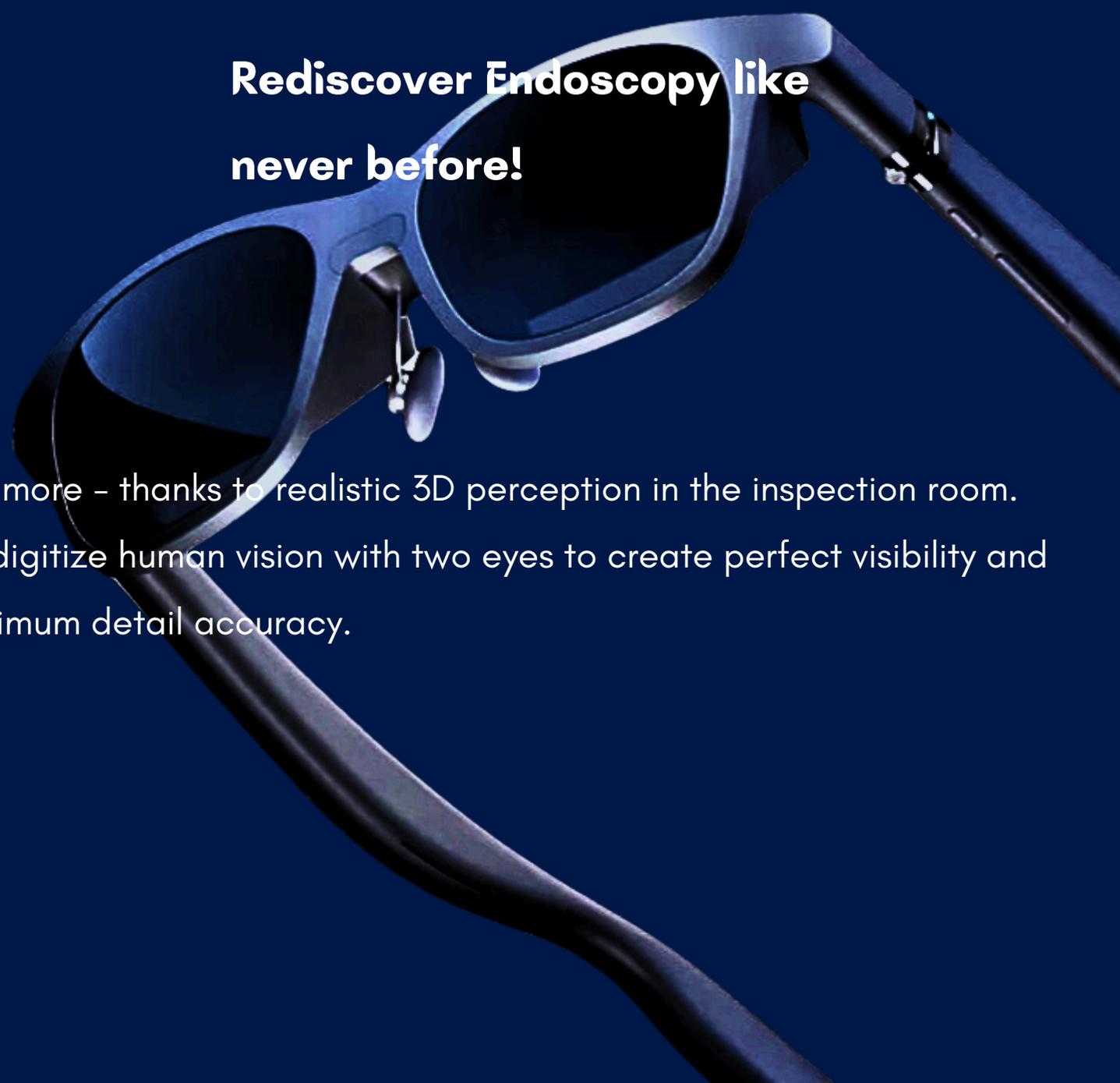
Experience the future of 3D with our latest measurement endoscope system and proprietary iX3D Software! we bring the human ability of special vision to life like never before.

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.

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 Tablet



10.1" high-brightness (1000 nits) touchscreen, digital pen support
Intel® Core™ i5 Pro® processor 12th Gen
Dual high-capacity, Hot-swappable battery packs; up to 180w interchangeable
IP65-rated for water and dust
MIL-STD-810H
Easy-to-open I/O port caps (patented)

XPAD Rugged Tablet



13" Display
2880 × 1920px resolution
1 Lithium-ion battery
16 GB RAM
256GB SSD MIL-STD-810G
Robust xCase
Hand strap on the back
Carrying handle on the top
Snap-mount plate for mounts

Secure, compatible, user-friendly

“

Snap Mount Tripod



”

“

Snap Mount Clamp



”

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!

“

Snap Mount Arm



”

“



”



Configuration

Probe

iX3D

iXBO

XLED PRO

iLED PRO

XLED PRO
DUAL VIEW

WORKING
CHANNEL

Software



XOS



iX3D

PC / Mounting

XPAD



RUGGED TAB



Compact systems

iRIS XT

iRIS 7 PRO

Mobile High-Performance-Kit



Equipment cart



Case



XEYE



Special Mountings





“We Build Your Remote Vision”

**I CAN SEE
WHAT YOU CAN'T....**



Scan here to know more 🖱️



Manufactured by: JSC IT Concepts India Pvt Ltd.

📍 B-216, 1st Floor, Okhla Industrial Area Phase-1, New Delhi-110020

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