

Remote Visual Inspection

...the new perspective

Videoscope S y s t e m s

- Modular and versatile
- Lightweight and tough
- Portable and reliable
- Straightforward to use
- Ready for use in no time



Videoscope System

Table of Contents

1 - Systems Overview _____	04
• iTool Video System _____	06
• iCapture^{smart} System _____	08
• eXtreme System _____	10
2 - Imaging and Documentation Hubs _____	12
• iTool Video Imaging Hub _____	12
• iCapture^{smart} _____	20
3 - Videoscopes _____	26
• iSeries _____	26
• iSeries^{UV} _____	33
• eXtreme^{series} _____	33
• Interchangeable Objective Lenses & Side View Tips _____	34
4 - Transportation Solutions _____	36
• Cases _____	36
• iCase & iCase^{plus} _____	38
5 - IT Concepts _____	40
• Conventional Endoscopy _____	40
• Endoscope Accessories _____	41
• Contact IT Concepts _____	44

iTool™ System
...the intelligent inspection system



iCapture^{smart} System



Intelligent Inspection Systems

IT Concepts' new high-performance inspection systems have been developed by experienced specialists especially with the user in mind. They are mobile, compact, extremely sturdy and intuitive in their handling.

All-round talents and specialists alike will find the right inspection system in the broad range of modular products offered by IT Concepts. Since every individual component, for example imaging and documentation hubs, videoscopes and accessories, can be combined, adjusted or added to as needed, you will always be able to configure your system to perfectly match virtually every type of inspection.

The system is available with an extensive range of accessories. Through intensive dialogue with users across the globe, our range of products is constantly being modified and enhanced. Simplify inspections in your field of applications and add to your system's mobile capabilities.

eXtreme System



iTool™ System

...the intelligent inspection system



- Specifically developed for industrial applications
- Compact and portable
- Entire system weighs just 4.0kg
- Dynamic 180° articulation
- Sturdy and reliable
- Easily transported

The **iTool System** is made up of three components: the iTool Video Imaging Hub as the imaging and documentation hub; the iSeries Videoscope; and the compact Case for transportation.

The **iSeries** Videoscope with CCD image sensor provides a high-quality video signal and exceptional resolution. The videoscope's precise and extreme articulation allows you to manoeuvre it into any position you need.

With its intelligent software, the iTool Video Imaging Hub visualises inspection images on the high-resolution TFT display and saves images at the

touch of a button. With the iTool, inspection images can be precisely marked and documented.

iCase and **iCase^{plus}** are clever and compact transportation solutions. This mobile inspection system solution is uncomplicated to set up and easy to use.

Rounding off the system is a line of sophisticated accessories. Find your new perspective...

	iTool	Documentation	Headset	Replacement Lamp	iSeries Videoscopes	iSeries Videoscopes
Product						
Details	Video Imaging Hub 24W Metal Halide LS*	iTool File Commander CF Card 2GB	Headphones & microphone	24W Metal Halide	4.0mm/6.0mm/8.0mm 2-/4-way articulation 1.5m - 7.5m	6.0mm / 8.0mm 8.0m - 15.0m
iTool System ^{basic}	■	■	■	■	As requested	As requested
iTool System ^{one}	■	■	■	■	As requested	As requested
iTool System ^{plus}	■	■	■	■	As requested	As requested
Page in catalogue	12-19	16	16	15	26-33	26-33

* LS = Light Source DOV = Direction Of View FOV = Field Of View

iTool System at a Glance



- Large, bright 6.8" TFT display
- On-Screen menu
- On-screen text generator
- Personalised camera control
- Image capture with audio commentary
- State of the art documentation functions
- Integrated 24W Metal Halide Light Source
- Rechargeable powerBelt
- max^{hold} holding device for iTool and iSeries Videoscope



- CCD camera technology
- Convenient one-handed operation
- Image capture button on handpiece
- Working lengths from: 1.0m – 15.0m
- Diameters of: 4.0mm, 6.0mm, 8.0mm
- Articulation: 2- br 4-way
- Custom-built versions available



- “Roll along” cases for iTool Sytem^{one} and iTool Sytem^{plus} :
- iTool Video Imaging Hub
 - iSeries Videoscope
 - Interchangeable objective lenses and side view tip
 - Accessories Set
 - powerBelt (only with iCase^{plus})

Interchangeable	Interchangeable Objective Lenses	Side View Tip	System Carrying Case	iCase	iCase ^{plus}	powerBelt	max ^{hold}
Red DOV 0° FOV 90° Black DOV 0° FOV 58° Lens tool	Blue DOV 0° FOV 28° Gold DOV 0° FOV 60° Silver DOV 0° FOV 90°	DOV 90° FOV 58°	Carrying case	“Roll along” case accommodates up to 7.5m long endoscopes (IATA standard)	“Roll along” case accommodates up to 15.0m long endoscopes and powerBelt	Mains-free power supply	Holding device
■	○	○	■	○	○	○	○
■	○	○	-	■	○	○	○
■	○	○	-	-	■	■	○
34-35	34-35	34-35	36-37	38-39	38-39	13+18	13

iCapture^{smart} System



- Specifically developed for industrial applications
- Ultra compact and portable
- Entire system weighs just 2.5kg
- Dynamic 180° articulation
- Sturdy and reliable
- Easily transported
- Plug and Play technology for immediate use

iCapture^{smart} System - here, too, the tried-and-tested **iSeries** Videoscope is at the heart of each top-quality, clear, true-to-life inspection image.

Together with the extremely portable, ultra-compact **iCapture^{smart}** imaging and documentation hub, it forms a high-performance system that is ideally suited for use in confined spaces or especially remote or inaccessible inspection environments.

Thanks to its high-quality, heavy-duty shell and sturdy aluminium profiles, the ABS plastic system carrying case is extremely hard-wearing, making it well-suited for carrying your inspection system around.

Rounding off the system is a line of sophisticated accessories ([see Accessories catalogue](#)). Find your new perspective ...

	iCapture ^{smart}	CF Card	Light Source	Replacement Lamp	iSeries Videoscopes	iSeries Videoscopes
Product						
Details	Video Imaging Hub	CF Card 2GB	24W Metal Halide LS*	24W Metal Halide	4.0mm/6.0mm/8.0mm 2-/4-way articulation 1.5m - 7.5m	6.0mm / 8.0mm 8.0m - 15.0m
iCapture ^{smart} System	■	■	■	■	As requested	As requested
Page in catalogue	20-25	24	23	23	26-33	26-33

* LS = Light Source DOV = Direction Of View FOV = Field Of View

iCapture^{smart} System at a Glance



- Bright 4.0 inch TFT display
- On-screen menu
- On-screen text generator
- Personalised camera control
- Extensive documentation features
- smart^{hold} holding device that can be locked into place for iCapture^{smart} and iSeries Videoscope



- CCD camera technology
- Convenient one-handed operation
- Image capture button on handpiece
- Working lengths from: 1.0m – 15.0m
- Diameters: 4.0mm, 6.0mm, 8.0mm
- Articulation: 2- br 4-way
- Custom-built versions available



System Carrying Case

A lightweight and practical case to hold all eXtreme System components:

- iCapture^{smart}
- iSeries Videoscope
- Interchangeable objective lenses and side view tip
- Accessories

Interchangeable Objective Lenses	Interchangeable Objective Lenses	Side View Tip	System Carrying Case	iCase & iCase ^{plus}	powerBelt	smart ^{hold}
Red DOV 0° FOV 90° Black DOV 0° FOV 58° Lens tool	Blue DOV 0° FOV 28° Gold DOV 0° FOV 60° Silver DOV 0° FOV 90°	DOV 90° FOV 58°	Carrying case	"Roll along" case accommodates up to 7.5m long endoscopes (IATA standard)	Mains-free power supply	Holding device
■	○	○	■	As requested	○	○
34-35	34-35	34-35	36-37	38-39	25	25

eXtreme System



- Extraordinary performance
- Red hot value
- Advanced Videoscope technology
- Specifically developed for industrial applications
- Ultra compact and portable
- The eXtreme System weighs just 2.5kg
- Sturdy and reliable
- Plug and Play technology for immediate use

An **eXtreme System** is the combination of an eXtreme Videoscope and an iCapture^{smart} image storage and display device. eXtreme Videoscopes employ advanced imaging technology to deliver extraordinary performance. The iCapture^{smart} features a bright LCD display to view live video or stored still images.

The eXtreme System is an example of the innovation approach which IT Concepts has taken to develop easy to use high performance RVI equipment with an inexpensive price tag.

The resolution of an eXtreme Videoscope is in the region of seven times higher than a typical industrial Fiberscope. The imaging performance of an eXtreme Videoscope often exceeds user expectations for such a low price professional grade system.

The eXtreme System is an economical alternative for demanding inspections which expose equipment to a lot of wear and tear. The fit, form and function of an eXtreme System combined with its low price makes it a candidate for Remote Visual Inspection (RVI) programs which experience regular repairs and high operating costs.

The right accessories can help to make RVI tasks easier, faster and less tiring to accomplish. The modular arrangement of the eXtreme System means it fits with many IT Concepts accessories allowing users to develop their own application specific equipment setup.

	iCapture ^{smart}	CF Card	Light Source	Replacement Lamp	eXtreme ^{series} Videoscope
Product					
Details	Video Imaging Hub	CF Card 2GB	24W Metal Halide LS*	24W Metal Halide	4mm 2-way articulation 1.0m - 3.0m
eXtreme System	■	■	■	■	■
Page in catalogue	20-25	24	23	23	33

* LS = Light Source DOV = Direction Of View FOV = Field Of View

eXtreme System



- Bright 4.0 inch TFT display
- On-screen menu
- On-screen text generator
- smart^{hold} support and positioning arm to secure the eXtreme System during inspections



- Convenient one-handed operation
- Image capture button on handpiece
- Working lengths from: 1.0m – 3.0m
- Diameter: 4.0mm
- Articulation: 2-way
- Custom-built versions available



System Carrying Case

A lightweight and practical case to hold all eXtreme System components:

- iCapture^{smart}
- eXtreme^{series} Videoscope
- Side view tip
- Accessories

Side View Tip	System Carrying Case	powerBelt	smart ^{hold}
			
DOV 90° FOV 58°	Carrying case	Mains-free power supply	Holding device
○	■	○	○
34-35	36-37	25	25





- Specifically developed for industrial applications
- Compact and portable
- Weighs just 2.5kg
- Large, bright 6.8 inch TFT display
- Image capture with audio commentary
- On-screen menu
- Text generator
- Personalised camera control
- Low light operation
- Rechargeable powerBelt
- max^{hold} holding device (optional extra)

The iTool Video Imaging Hub is the heart of each iTool System. It combines a light source, high-resolution display and imaging control and documentation functions.

A harness/belt and powerBelt provide flexibility and freedom of movement during inspections.

With the Hub, images can be viewed, marked with the on-screen text generator and quickly saved. The inspection images can be transferred to a PC with ease using the iTool's USB interface or CompactFlash® mass storage device.



Lightweight



Compact

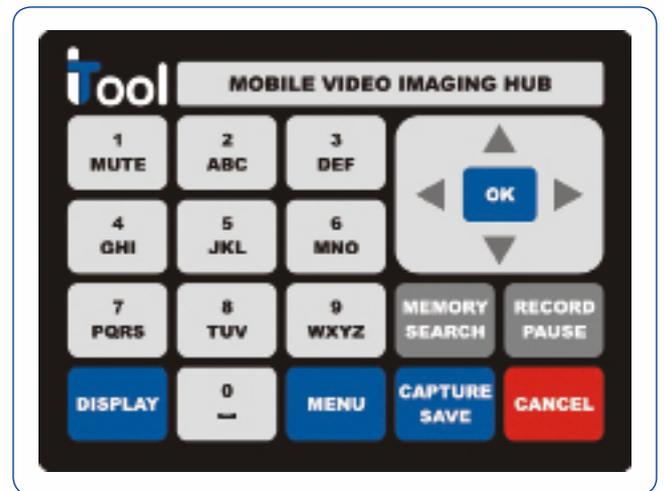
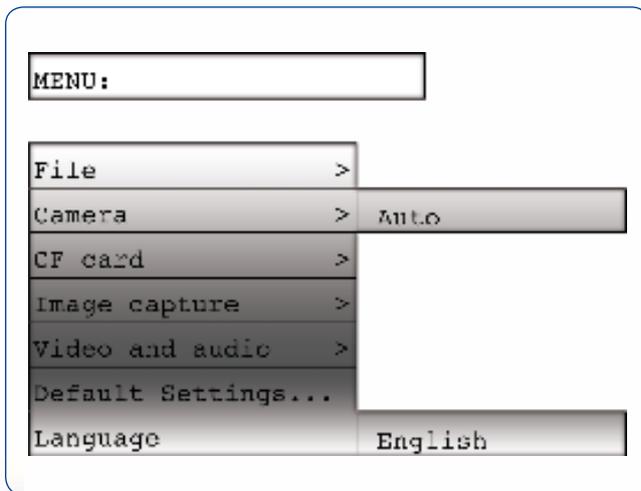


Battery power



Portable

Intuitive Operating Concept



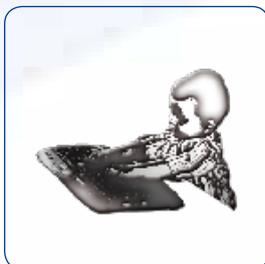
The operating concept of the iTool Video Imaging Hub has been designed the way it should be:

A self-explanatory on-screen user interface guides users intuitively through the many available functions.

Users can select their preferred language (English, German, Spanish, French) from the menu without having to reboot the system.

Navigate through the menu using arrow keys. Direct action keys allow users to select the most important functions quickly and easily.

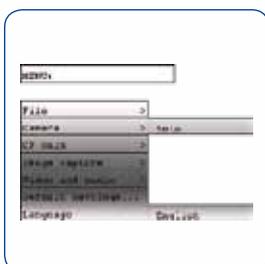
The alphanumeric keypad enables users to change file or folder names with ease. Text can be saved for viewing with a captured image using the integrated text generator.



Intuitive operation



Arrow keys



Clear menu structure



Multilingual menu

Optimal Visualization



IT Concepts has more than twenty years of Remote Visual Inspection (RVI) experience and, during this time, has always focused on further developing, enhancing and optimising image clarity to provide the best inspection images.

The iTool video imaging hub has a bright 6.8" TFT display which delivers high-resolution true-color images rich in contrast and detail. This is achieved by precisely attuning the image signal to the display.

The dynamic camera profiles integrated into the iTool Video Imaging Hub deliver optimized inspection images even in extreme situations.

Horizontal and vertical image inversion helps to navigate through the item under inspection and is an indispensable feature when using a [side view tip](#).

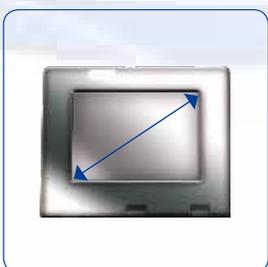
The high intensity discharge [24W Metal Halide Light Source](#) delivers intense white light, which is the basis for creating the ideally illuminated inspection surroundings and realistic color reproduction.



Intelligent camera control



High performance illumination

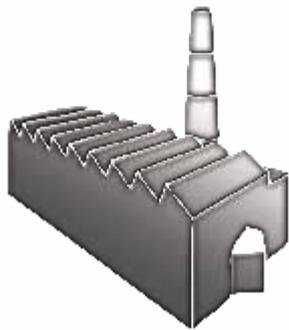


Large, bright display



20 years of RVI experience

Contemporary Documentation



Inspection



Management

The iTool Video Imaging Hub can store up to 2,000 images on a 2GB **CompactFlash®** card in standard Windows® compatible media formats.

Images can be saved as BMP or TIF files; video sequences as AVI files and spoken commentaries as WAV files.

The on-screen text generator allows users to save text directly onto the inspection images.

Once a reference dimension has been identified on a saved image, it is possible to conduct comparative measurements on the same image level.

The supplied **Image Base Pro** and **File Commander** software aids analysis, reporting and archiving tasks. With these tools, users can paste the acquired information into inspection reports with ease and send them through the e-mail assistant.



.tif images



.bmp images



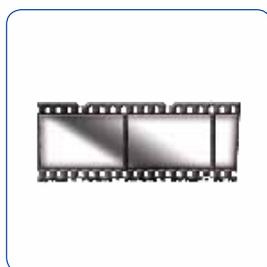
On-screen text



Comparative measurement



.wav audio



.avi video



Email assistant



Software

External Interfaces

The iTool offers a number of interfaces. Inspection information and files can conveniently be transferred to a PC through a USB interface or a CompactFlash® card and then further processed.

The standard video and audio interfaces mean that the iTool is perfectly equipped to accommodate external video accessories, which, in turn, means that a number of different recording systems can be connected.

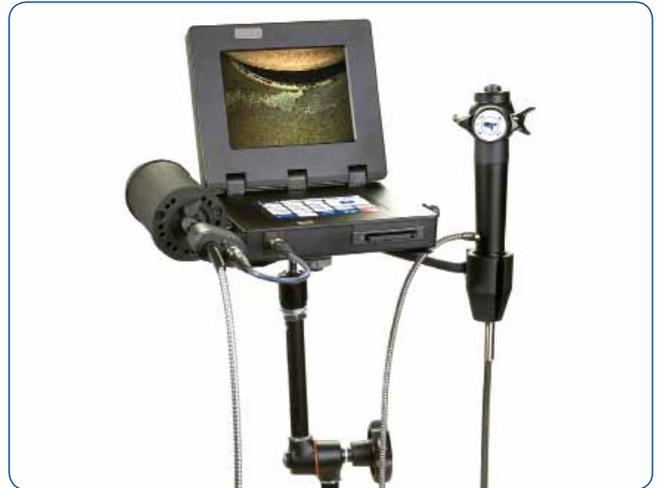


Portable and Sturdy



With the iTol users can inspect near-inaccessible places and confined spaces.

The compact and portable iTol with its integral light source and 12V power supply provides more inspection options than ever before and enables access to the remotest environments.



Enjoy the lightweight, portable nature of the iTol during inspections and transportation.

The iTol can be worn with the comfortable-fit harness and powerBelt or can be fixed securely on site with the **max^{hold}** locking device. Whichever option is chosen, both hands will be free to operate the iTol and to guide the Videoscope to the inspection area.



Harness/Belt



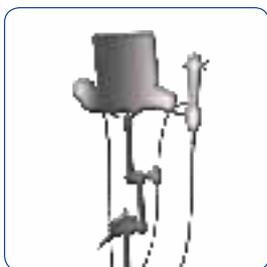
powerBelt



Videoscope clip



Portable



max^{hold}



Hands-free operation



iCapture^{smart} System





- Specifically developed for industrial applications
- Compact and portable
- Weighs just 580g
- Bright 4.0" TFT display
- On-screen menu
- Rechargeable powerBelt
- smart^{hold} holding device

Extremely compact in size – light weight for maximum portability.

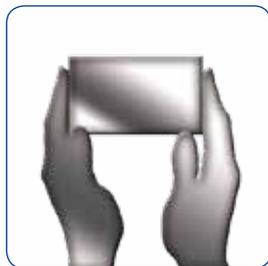
The iCapture^{smart} enables a user to carry out inspections conveniently and effortlessly in remote or inaccessible places, or in confined spaces.

The 580g of this lightweight imaging and documentation hub is barely noticeable when climbing or walking.

The “clever counterpart” to the iTool Video Imaging Hub is significantly smaller with state of the art features.



Lightweight



Compact



Battery power



Portable

Intuitive Operating Concept

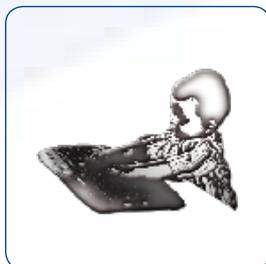


The iCapture^{smart} combines user-friendly handling with exceptional performance in one compact unit.

The simple keypad functions allow easy operation of the system.

The menu is shown on the display at the push of a button.

Using the arrow keys, you can navigate through the menu and then press the OK button to confirm your selection.



Intuitive operation



Arrow keys



On-screen text



Lightweight

Optimal Visualization



The 4.0" *iCapture^{smart}* TFT display with LED backlighting delivers high-quality, true to life inspection images.

Added to the quality images of the *iCapture^{smart}* is its compact and lightweight design. No matter what the environment its portability allows the user to position the screen for any viewing angle.

To make your inspections even easier and more efficient, the device comes supplied with a *smart^{hold}* which can be moved in any direction and locked in place. The *smart^{hold}* accommodates the Hub and Videoscope handpiece allowing you to conduct the inspection hands-free and with an uninhibited view of the display.

As with the *iTool*, its "big brother" the *iCapture^{smart}* allows the user to adjust Videoscope camera settings. Use of this feature enables high quality imaging performance for even the most demanding of applications.

Horizontal and vertical image inversion helps to navigate through the item under inspection and is an indispensable feature when using a *side view tip*.

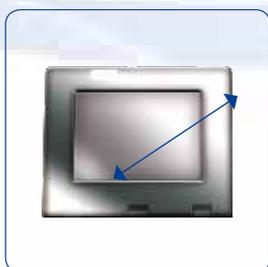
We recommend using the *24W Metal Halide Light Source* with the *iCapture^{smart}*. The high intensity discharge 24W Metal Halide Light Source delivers excellent white light, which forms the basis to create the ideally illuminated inspection surroundings and realistic color reproduction.



Intelligent camera control



High performance illumination



Light, bright display



20 years of RVI experience

Contemporary Documentation



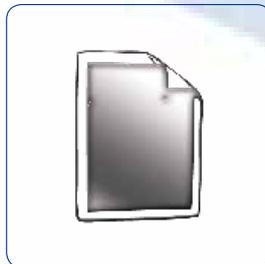
With the iCapture^{smart} images can easily be captured, saved and transferred for documentation purposes.

The on-screen text generator allows users to add brief comments to each image before it is saved.

The iCapture^{smart} performs this task by saving images on a 2GB CompactFlash[®] card in either BMP or TIF format.



.tif images



.bmp images



On-screen text



Battery power

Portable, Tough and Modular



The *iCapture^{smart}* combines all the features that stand for portability and toughness.

bined in this energy-efficient unit that is even more compact and light.

This reliable and manageable counterpart to the *iTool* Video Imaging Hub provides the user with even more freedom and the means to conduct inspections in places that had previously seemed inaccessible.

The main advantage the *iCapture^{smart}* has over other systems is its out-and-out portability. The *iCapture^{smart}* can be connected to all IT Concepts light sources, Fiberscopes and Videoscopes. Simply choose the product combination which best suites application requirements.

Rubberized shockproof corners, a cast aluminium frame and a sturdy housing ensure the *iCapture^{smart}* is capable of withstanding the rigours of the industrial working environment.

Together with the extensive range of accessories on hand – such as the *powerBelt* - totally independent inspection can be conducted.

The strengths of its larger counterpart are com-



smart^{hold}



Videoscope clip



Hands-free operation



Tough



Battery power



Portable



Reliable



iSeries Videoscopes



- Specifically developed for industrial applications
- CCD camera technology
- Dynamic 180° articulation
- Convenient one-handed operation
- Image capture button on handpiece
- Custom-built versions available
- Withstands immersion in liquids
- Splash-proof handpiece

A CCD image sensor is the vital centre of every iSeries Videoscope providing unsurpassed resolution and image clarity for true-to-life images with realistic colours.

All iSeries Videoscopes feature handpiece camera control electronics. This means many different videoscopes can be used with a variety of imaging and documentation hubs.

Light guide adapters enable users to connect any iSeries Videoscope to a wide range of IT Concepts light sources.

With their one-handed and user-friendly operation, iSeries Videoscopes are well suited for use in the industrial work environment.

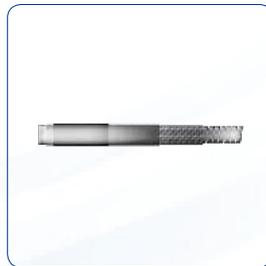
iSeries Videoscopes are available from 1.0-15.0m, with diameters of 4.0mm, 6.0mm and 8.0mm. Articulation choices are 2-way and 4-way.



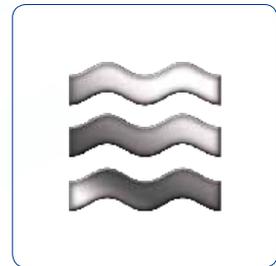
4.0 / 6.0 / 8.0 mm
Diameters



2-way/4-way articulation



Multiple layer insertion tube



Fluid resistant



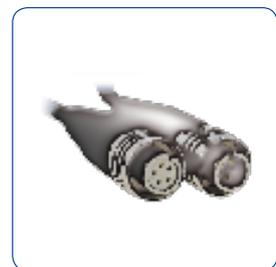
1.0m – 15.0m
working lengths



Interchangeable
objective lenses



Light guide adapters



5-PIN Video cable



Easy to Use



The ergonomically shaped handpiece allows right-handed and left-handed users to operate the device conveniently and precisely with just one hand and without tiring.

Using the image capture button on the handpiece, the user can easily and conveniently save inspection images.

The probe head is articulated using control levers on the handpiece which convey each move-

ment instantaneously and directly. The mechanical controls ensure that every contact made with the inspection item can be felt. This gives the user even greater orientation when conducting the inspection.

All iSeries and eXtreme^{series} Videoscopes are compatible with smart^{hold} and max^{hold}.



Intuitive operation



One-handed operation



Sensitive controls



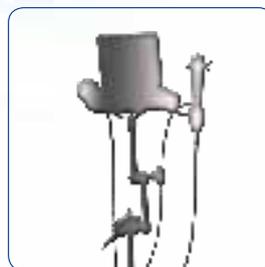
smart^{hold}



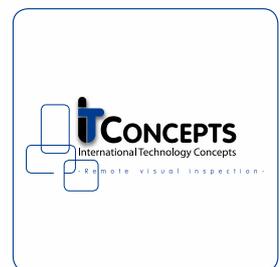
Left-handed/Right-handed use



Image capture



max^{hold}



20 years of RVI experience



Camera Head

A complex CCD micro camera and objective lens are housed at the Videoscope distal tip.

Tungsten braid

Durable, tight-meshed tungsten sheathing for maximum durability.

Stainless steel mono coil

Flexible stainless steel mono coil for crush resistance and torsional strength.



Articulation section

The articulation section consists of a highly flexible stainless steel 'spine' with smooth functioning multi-position joints for control and maneuverability.

Polyurethane sheathing

A tough polyurethane sleeve protects the internal Videoscope components from fluid penetration.

internal Stainless steel braid

Stainless steel braid provides strain relief.

Robust and Reliable



A Videoscope needs to meet a variety of demands, many of which are often in conflict with each other. An endoscope must...

- ...be flexible and controllable to enable it to be maneuvered around tight bends.
- ...be resistant to pressure and liquids in order to protect the internal technology.
- ...have sturdy sheathing to guard against sharp edges and rough surfaces.
- ...have good insertion properties and torsional strength for easy and purposeful navigation.

Only the highest quality materials have been chosen and incorporated into the **iSeries** and **eXtreme^{series}** Videoscopes in order to satisfy these demands.

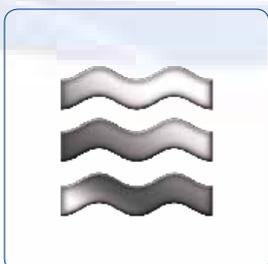
The extremely pliable articulation section near the probe head ensures the very precise control of the videoscope and maximum articulation. This is particularly beneficial for applications that involve maneuvering the videoscope around tight bends.



Tough



Reliable



Fluid Resistant



Flexible



iSeries^{4.0} Videoscope

The slimmest of the iSeries Videoscopes is frequently employed to inspect engines, turbines, motors and transmission systems. At a mere 4.0mm, the probe is ideal for accessing the ti-

niest of spaces and inspection chambers. This shear-resistant yet flexible videoscope can be maneuvered purposefully around tight bends due to the especially short distal camera head.

iSeries^{6.0} Videoscope

The 6.0mm videoscope perfectly combines light output, sturdiness and flexible articulation. These features allow this "all-rounder" to be used in a wide variety of applications. The diverse and specific applications are matched by the wide

selection of available lengths.

Interchangeable objective lenses with different fields of view, directions of view and f-stops provide a great range of viewing options.

iSeries^{8.0} Videoscope

Traditionally, this probe is mainly used for inspecting larger structures such as tanks, tubes and large-diameter pipes. This scope size provides intense lighting of the inspection area as it

houses a large glass fiber bundle for light transmission. This combined with the extensive range of **interchangeable objective lenses** means that nothing is left in the dark.

iSeries^{UV} Videoscope

IT Concepts **UV Videoscopes** have been specially developed to inspect cracks and leaks, using dye penetration testing, for example. Equipped with special **Quartz light fibers** and a **UV**

objective lens, this videoscope in conjunction with the **UV light source** is an exceptional tool for virtually every application in this area.

eXtreme^{series} Videoscope

The world-exclusive IT Concepts eXtreme^{series} Videoscope opens up innovative ways of using Videoscope technology. Based on its tried-and-tested **iSeries** design, a high-performance videochip has been incorporated into the controllable scope head. With seven times the image

resolution of conventional Fiberscopes, this cost-efficient video technology is an especially economical alternative to the iSeries Videoscopes.



Interchangeable Objective Lenses

The diverse range of RVI applications is matched by an extensive selection of interchangeable objective lenses which ensure that users see what they need to see.

Depending on the application, different fields of view, directions of view, f-stops and working distances are required.

The easily interchanged heads are deployed in the distal head without increasing its overall length. This is of particular benefit when the scope needs to be articulated

through tight bends or inside small cavities. It is essential that the working distance of all interchangeable objective lenses from IT Concepts can be adjusted individually. This is achieved by turning in or out the objective lens using the Lens Adjustment Tool.



Part Number	Interchangeable Head	Color Code	f-Stop	Direction Of View	Field Of View	Working Distance
4.0mm - eXtreme						
930-00100-0004	Side view tip	-	1 : 5,2	90° side	60°	5.0 mm - 40.0 mm
Videoscope	fix Objective lenses	-	1 : 5,2	0° forward	60°	7.0 mm - 45.0 mm
4.0mm - iSeries						
930-00100-0005	Side view tip	-	1 : 5,2	90° side	60°	5.0 mm - 45.0 mm
Videoscope	fix Objective lenses	-	1 : 5,2	0° forward	60°	7.0 mm - 50.0 mm
6.0mm - iSeries						
930-00100-0002	Side view tip ^C (*)	■	1 : 5,2	90° side	60°	5.0 mm - 15.0 mm
930-00100-0003	Side view tip ^F (*)	-	1 : 5,2	90° side	60°	15.0 mm - 50.0 mm
930-00200-0006	Objective lenses	■	1 : 4,3	0° forward	90°	7.0 mm - ∞
930-00200-0007	Objective lenses	■	1 : 5,2	0° forward	60°	7.0 mm - ∞
8.0mm - iSeries						
930-00100-0001	Side view tip	-	1 : 6,4	90° side	60°	5.0 mm - ∞
930-00100-0001	Objective lenses	■	1 : 7,6	0° forward	90°	5.0 mm - ∞
930-00200-0002	Objective lenses	■	1 : 3,9	0° forward	90°	5.0 mm - ∞
930-00200-0003	Objective lenses	■	1 : 7,0	0° forward	60°	10.0 mm - ∞
930-00200-0004	Objective lenses	■	1 : 5,3	0° forward	28°	25.0 mm - ∞
930-00200-0009	Objective lenses	■	1 : 2,5	0° forward	60°	8.0 mm - ∞

(*) C = close focus

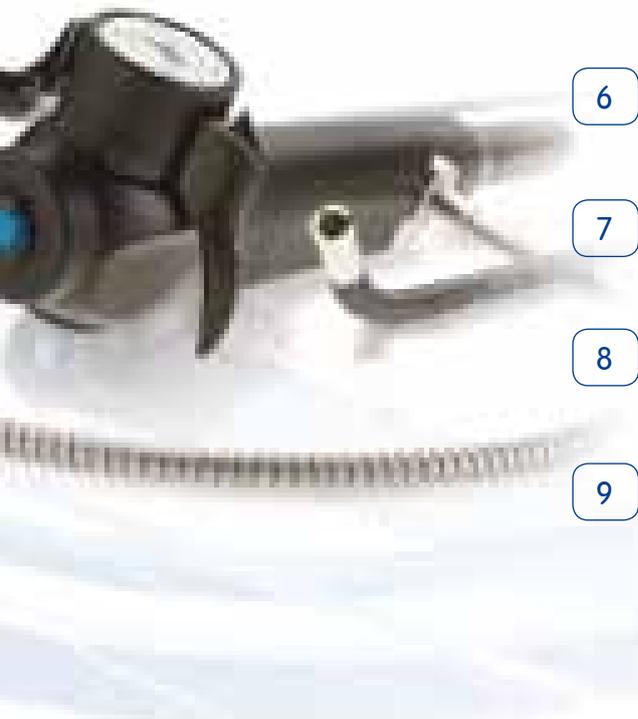
F = far focus



Cases

A purpose-built case is supplied with all IT Concepts RVI systems.

- 1 **iCase**
- 2 **iCase^{plus}**
- 3 **iTool** *Video Imaging Hub*
- 4 **iCapture^{smart}** +24W Metal Halide Light Source
- 5 **iSeries** *Videoscopes*
- 6 **eXtreme^{series}**
- 7 **powerBelt**
- 8 **Accessories**
(CF Card, Power Supply, Cables, Software...)
- 9 **Objective Lenses**





Ready for inspections in just 60 seconds



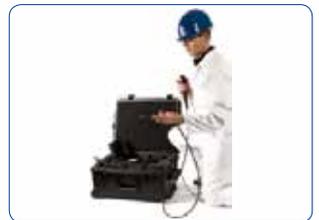
Transport



Open iCase



Take out videoscope



Begin inspection

iCase and iCase^{plus}

Purpose Designed "Roll Along" Transportation, Storage and Operating Cases.

More than accessories, these cases transform an excellent industrial video inspection tool into an intelligent inspection system. The outside shell is watertight, heat-resistant, extremely lightweight and virtually indestructible. The neat interior features a very practical

iSeries Videoscope storage system that reduces the possibility of scope damage during setup and disassembly.

iCase



- iTool Video Imaging Hub
- iCapture^{smart} & 24W Metal Light Source
- iSeries Videoscopes – up to 7.5m working length
- Accessories
- Objective lenses

iCase^{plus}



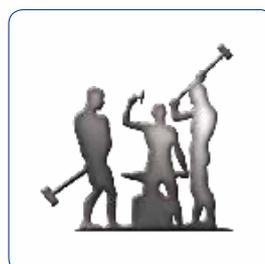
- iTool Video Imaging Hub
- iCapture^{smart} & 24W Metal Halide Light Source
- iSeries Videoscopes - up to 15.0m working length
- Accessories
- Objective lenses
- powerBelt



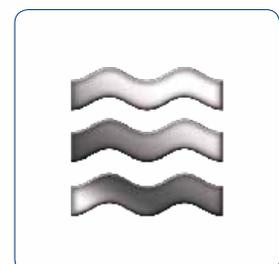
Roll along



IATA Standard



Tough



Water and heat resistant

Remote Visual Inspection

...the new perspective

Conventional p r o d u c t s

- Large product family
- Field proven
- Modular
- Cost effective



In addition to Videoscopes, IT Concepts also manufactures a comprehensive selection of flexible Fiberscopes, rigid Borescopes and peripheral equipment.

Remote Visual Inspection ...the new perspective



Accessories

- **Versatile**
- **Interchangeable**
- **Extensive Range**
- **Ergonomic**

Developed with users and applications in mind.



C o n t a c t

Tel.: +49 (0) 6441 67 92 99 - 0

Fax: +49 (0) 6441 67 92 99 - 99

IT Concepts GmbH
Gewerbestr. 17
D - 3 5 6 3 3 Lahnau
G e r m a n y

[www.itcworld.de]

info@itcworld.de

ITC_CAT_VID_EN_01_03/09


TÜVRheinland[®]
ISO 9001
REGISTERED COMPANY

© 2009 IT Concepts GmbH. All rights reserved.

This brochure is correct and accurate at the time of going to print. IT Concepts accepts no liability for any printing errors contained therein. Design subject to change. We reserve the right to make technical changes. No sections of this brochure may be reprinted, photo-mechanically, mechanically or digitally copied or reproduced without the express approval of ITConcepts GmbH.