



Turn-key digital inspection system with superior optics, high magnification and wide zoom range designed in industrial grade aluminium housing for Full High Definition image quality, where and how you need it!

Complete package including F30s 1080-60p Digital Microscope, Boom stand, Goose-neck LED matrix light, Full HD monitor and Full HD still image capture and video recording device.

- Full HD 60 fps for lag-free magnified working
- Superior 30:1 zoom optics with swift auto-focus
- Rigid, durable industrial grade aluminium housing
- On board easy-to-access lens- and camera controls
- Rigid Stand with high-quality stainless-steel boom and post
- Easy image capture and video recording on USB flash or SD-Card
- Flexible goose-neck LED matrix light for reflection-free imaging
- Options include ESD-protected housing and a built-in Laser pointer



**Complete Package including Monitor!**

**"Efficient, Cost-effective, Ergonomic, Endlessly Versatile!"**

# System Specifications

## System:

Video Output	Full HD 1080/59.94p switchable to Full HD 1080/50p
Imager	3.2M pixels. 1920(H) x 1080(V) 16:9 format progressive scan CMOS image sensor
Pixel Size	2.5 µm x 2.5 µm
I/O Ports	HDMI video output, 5P MiniDin Power input, 8P MiniDin External Remote Control
Onboard Control	Zoom, Iris, Auto Focus on/off, White Balance
External Remote Control (Optional)	Zoom, Iris, Manual/Auto Brightness, Manual/Auto Focus, White Balance, Picture Quality Mode, Display Text, Crosshairs overlay, Image Rotate, Image Freeze, Memory Save/Recall (2 pcs), Foot-switch, Video Output Frame Rate
Illumination	Single-spot LED matrix light with goose-neck
Image & Video Capture	Full HD 1920(H) x 1080(V) 16:9 format on USB flash or SD-card
Stand	Single-arm Boom Stand with adjustable boom and post in stainless steel
Storage Environment	-20° - +60°C, 20 - 95% RH, non-condensing
Operating Environment	-5° - +40°C, 20 - 95% RH, non-condensing
Size, Weight F30s	φ 86.5 x 137mm exclusive cable. 1.1 kg.
Size, Weight Stand	240x240x6.2mm (base), 380mm/φ25mm (posts), 5.9 kg.

## Optics:

Lens system	x30 Optical Zoom with Auto Focus and Iris Control
Working distance	228 mm (from lens to object at maximum zoom factor)
Magnification x1-x30 zoom factor	~ 1.8x - ~ 51x on 22" monitor (~ 183x with optional +10 macro lens)
Field of View at x1-x30 zoom factor	~ 270 x 151.9 mm to ~ 9.3 x 5.2 mm (~ 3.1 x 1.7mm with +10 lens )
Laser pointer (Optional)	Class 1 red LED laser with automatic through-optics alignment



## Ordering numbers Inspection System:

Item name	Order No.
Inspectis F30s KIT-CAP including: - F30s 1080-60p modular Digital Microscope - Single-rod Boom Stand - Single-Spot LED matrix Light - Full HD Image Capture and Video Recorder - Full HD 22" Monitor	HD-013 KIT-CAP
With Antistatic housing	* -E
With Laser Pointer	* -L

## Ordering numbers optional Accessories:

Remote Camera Control with Advanced Adjustments for Inspectis Microscopes	HD-020
Remote Camera Control with Knob Drive	HD-200
Remote Camera Control with Knob Drive, Programable with 7 memories	HD-200-MEM
Macro lens +1 diopter, 67mm	HD-036
Macro lens +2 diopter, 67mm	HD-037
Macro lens +3 diopter, 67mm (Achromatic)	HD-038
Macro lens +5 diopter, 67mm (Achromatic)	HD-039
Macro lens +10 diopter, 67mm (Achromatic)	HD-123
RingLight White LED with detachable diffuser	HD-024-B
RingLight UV 365-375nm wavelength LED	HD-025
XY Floating Board, Antistatic	HD-028
Full HD to USB3.0 Capture with Basics software	HD-031
Full HD to USB3.0 Capture with Pro software	HD-032
Full HD to USB3.0 Capture with ProX software	HD-032-PX
Rack-&-Pinion Fine Focusing module	HD-090
Aluminium carrying case	HD-040

Reseller

 **INSPECTIS**

Quality of Inspection

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