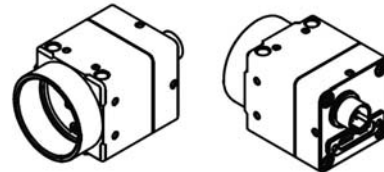


Camera specifications:

Imager : 1/1.2" 2.4M CMOS (SONY IMX249)
 Shutter Type : Global Shutter
 Effective Pixels : 1920 (H) x 1200 (V)
 Cell Size : 5.86 (H) x 5.86 (V) μ m
 Scanning Method : Progressive
 Scan Mode : Full Scan
 Frame Rate : 41.6fps (RAW8,10bit) , 32.4fps (RAW12bit)
 S/N Ratio : 3 digit Less than (gain 0dB)
 Exposure Time 23.4 μ sec ~ 40sec (Full Scan, RAW10,12bit)
 Analog Gain : 0 dB ~ 24 dB
 Digital Gain : 0 dB ~ 6 dB
 Whit Balance : Auto / Push to Set / Manual (Color only)
 Interface : USB3.0 Super speed
 Input Voltage : +5V (typ.) (USB standard)
 Consumption : TBD
 Dimensions : 28 (W) x 28 (H) x 40 (D) mm (excluding connector)
 Optical Filter : IR Cut Filter (Color only)
 Lens Mount : C Mount
 USB Connector : USB 3.0 MicroB Connector
 Compliancy : RoHS Compliant



Kit specifications:

DCI HT LITE

DCI HT Semi -Auto**

DCI HT Auto**

Kit specifications:	DCI HT LITE	DCI HT Semi -Auto**	DCI HT Auto**
- Includes DCI Capture imaging and measurements software	●	●	●
- All-in-one touchscreen computer	●	●	●
- DCI HT Software	●	●	●
- Manual measurements	●	●	●
- Auto measurements by image analysis (Knoop/Vickers/Brinell)	●	●	●
- Automatic measurements and conversions	●	●	●
- Auto exposure	●	●	●
- Hardness tester control (on selected models): Indenter control Objective selection control Load detection Dwell time reading	●	●	●
- Report generation and data exportation	●	●	●
- Encoded 100x100 mm manual stage and position reading	●	●	●
- Manual macroview creation	●	●	●
- with patterns generation and saving	●	●	●
- Motorized Stage control	●	●	●
- Auto focus	●	●	●
- High-end microhardness tester	○	○	●
- High resolution B/W USB3 Camera	●	●	●

● Included in kit ○ Optional ● N/A

*For systems that include motorized turret, purchase of self-level vise is mandatory.
 **Coming soon

Micro hardness machines specifications:

HKI-06-104 Microhardness tester model DCI DUAL Type A:

Computer controlled motorized turret.
Three objectives, 2.5X , 10X and 40X (fourth objective optional).
Vickers indenter included.
Knoop indenter included.
Automatic duration, loading and unloading.
Software interfaced charges 10,25,100,200,300,500,1000 gf.
Load duration, 5 - 99 sec.
LED illumination
hardness test block 700HV - 700HK @ 500 gr.

HKI-06-105 Microhardness tester model DCI Single Type A:

Computer controlled motorized turret.
Three objectives, 2.5X , 10X and 40X (fourth objective optional).
Vickers indenter included.
Automatic duration, loading and unloading.
Software interfaced charges 10,25,100,200,300,500,1000gf.
Load duration, 5 - 99 sec.
LED illumination
hardness test block 700HV - 700HK @ 500 gr.

HKI-06-102 Microhardness tester model DCI DUAL Type B:

Computer controlled motorized turret.
Three objectives, 2.5X , 10X and 40X (fourth objective optional).
Vickers or indenter included.
Automatic duration, loading and unloading.
Software interfaced charges 1,3,5,10,25,100,200,300,500,1000 and 2000 gf.
Load duration, 5 - 99 sec.
LED illumination
hardness test block 700HV - 700HK @ 500 gr.

HKI-06-103 Microhardness tester model DCI Single Type B:

Computer controlled motorized turret.
Three objectives, 2.5X , 10X and 40X (fourth objective optional).
Vickers or indenter included.
Automatic duration, loading and unloading.
Software interfaced charges 1,3,5,10,25,100,200,300,500,1000 and 2000 gf.
Load duration, 5 - 99 sec.
LED illumination
hardness test block 700HV - 700HK @ 500 gr.

