

# High-speed Camera Vision

Specifically designed for watchmakers to meet the technical demands of the industry, this bench-top High-Speed Camera provides a detailed and slowed-down view of moving components. Delve meticulously into the intricacies of horological mechanics with high-speed imaging technology that highlights the inherent precision of each element in motion.



# High-speed Camera

## Vision

### VISION

Acquisition speeds : 500, 1000, 2000, 2700 FPS.

Acquisition time : 1 à 5 secs (depends of the available RAM).

Playback speeds : 1, 2, 5, 10 and 30 FPS

Frames resolutions :

- 200 FPS : 1920 x 980 pixels
- 500 FPS : 1920 x 360 pixels
- 1000 FPS : 1920 x 160 pixels
- 2000 FPS : 1920 x 58 pixels
- 2700 FPS : 1920 x 32 pixels

25 W adjustable LED ring

White backlight (55mm x 42mm), integrated over an adjustable displacing table on XY

Optical and digital zoom

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### SOFTWARE

Preview, acquisition, video playback

Frame by frame mode

Horodated frames

Recording

Trigger for delayed recording

Tools for distances (pixels) and angles (°) manual measuring

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### Device

Dimensions : 160mm x 220mm x 424 mm (L x W x H)

2 working positions :

- Position 1 : Working height between 0 et 20mm
- Position 2 : Working height between 12 et 32mm

24V power supply adjustable for the lightning

Camera connection with USB 3

Glare protection made of tainted polymeric materials

Support made of anodised aluminium

Micro balsted finish