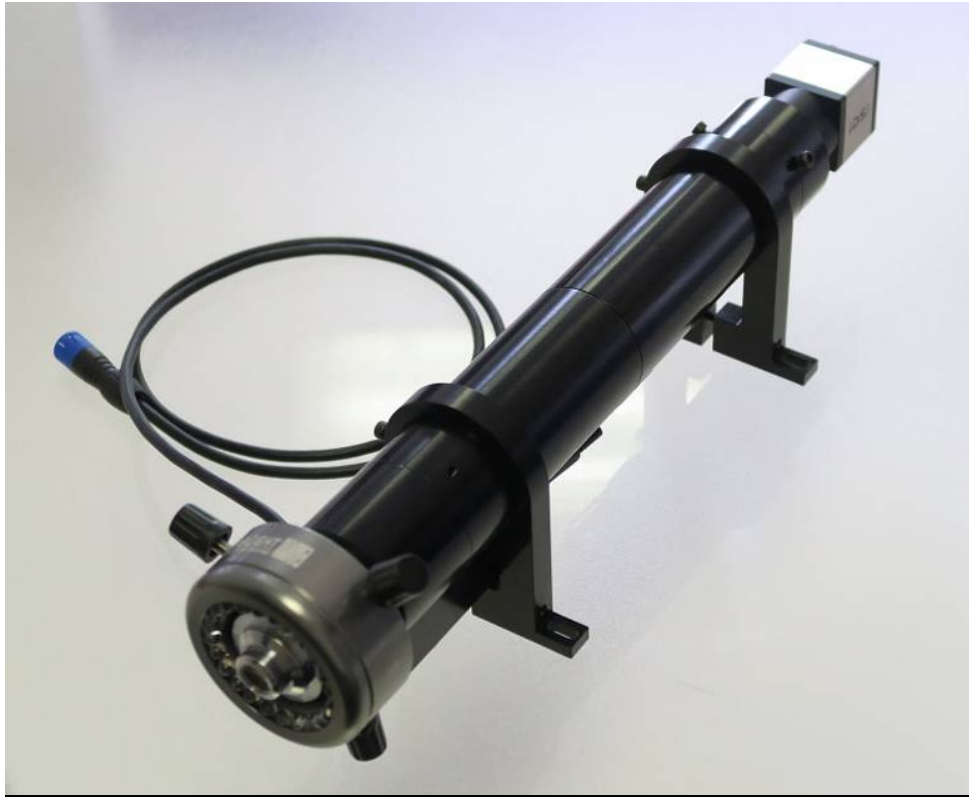


ThunderScope



ThunderScope :

- High speed 3D Digital Microscope;
- Integrated CMOSIS camera, 1" format, 2048 x 2048 pixels, 5.5 μm square pixels, 90fps, USB3 ;
- Integrated electronic tunable lens for fast remote focusing;
- Z range = 100mm / Mag^2 , Z-stack acquisition speed: 50 fps
- Internal memory for calibration data;
- Compatible with infinite correction objectives, RMS, M25 and M32 types;
- Mechanical adaptation : mounting threads metrics / inches;
- Control unit included;
- PC connection cable included;
- Dimensions (mm) : 225(L) x 40 (l) x 55(P), Weight 425g

Accessories (included)

- LED ring light;
- Objective 10X NA0.25 WD 11mm ;

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ThunderScope

Calibration software (included)

"System_Calibration" software v2.0;

Compatible Windows7 /10 (32/64bit);

- XY calibration vs magnification using micrometer standard;
- Aligement correction for image stacks;
- Read / Write / Save calibration data.

GetPhase software (included)

Graphics interface GetPhase® v 3.4;

Compatible Windows7 /10 (32/64bit);

Compatible with GPU graphics processor (type NVidia);

- Automatic acquisition, mesurement and display;
- Acquisition parameters: objective, region of interest, exposure time;
- 2D mesurements: distance, angle, rectangle, ellipse, etc.;
- Z depth measurement;
- 3D reconstruction and visualization;
- 3D surface analysis tools: profiles, step heights, volume, etc.;
- Roughness measureemnts (profiles and surfaces) ;
- Graphics annotation tools and scale bar;
- Post processing tools: filers, spike removal;
- Report editor;
- Save projects with measurement data;

Option : Software Development Kit

- Le package logiciel inclus les fichiers et documentations nécessaires pour le développement d'applicatifs utilisant les produits d'imagerie 3D PhaseView;
- Inclue les librairies C++ (Visual Studio) pour les fonctions de calibration, acquisition, traitement et visualisation.

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