

Basler PowerPack for microscopy – Precise, reliable, powerful

Benefit from Basler's high-quality cameras „made in Germany“ with all necessary components at your fingertips for a comfortable system set-up and easy installation. Rely on precise and reliable imaging, as well as on professional software for image acquisition and analysis. Select your Basler camera from the series Microscopy pulse and Microscopy ace.

Your benefits at a glance:

- CMOS sensor technology for sharp contrast and brilliant colours
- Unique microscopy-optimised algorithms for image and colour enhancement
- Resolutions of 1.2 MP to 5.0 MP with premium image quality
- Professional microscopy software for image acquisition and analysis
- USB 3.0 interface for plug-and-play and high data transmission with full image resolution
- Up to 200 fps for a fluid live video preview and scanning

Every PowerPack comprises the following compatible and approved accessories:

- Basler microscopy software for camera control and image acquisition, editing, and analysis. For reliable performance, camera and software are perfectly adjusted to each other. Easy installation and intuitive user interface
- Tested USB 3.0 cable which exactly matches the selected microscope camera; quality-tested to ensure easy plug-and-play and reliable performance
- PowerPacks with Basler microscopy pulse comprise the CS-to-C-Mount adapter, manufactured with highest precision for optimum C-Mount adaption



① Basler Microscopy pulse

- Proven and reliable CMOS sensor technology
- Cost-efficient with accurate and reproducible results for a multitude of standard light microscopy applications
- USB 2.0 downward compatible for high system compatibility
- High image frequency for fluid live viewing, fast focussing and scanning of videos

Article	Resolution pixels	Frame rate fps	TV adapter	Order No.
Microscopy pulse 1.2 MP	1280 × 960	54	0.3x/0.33x/0.35x	10 19 37211
Microscopy pulse 2.0 MP	1920 × 1080	30	0.3x	10 19 37212
Microscopy pulse 3.3 MP	2048 × 1584	20	0.3x/0.33x/0.35x	10 19 37213
Microscopy pulse 5.0 MP	2592 × 1944	14	0.45x/0.5x/0.55x	10 19 37214



② Basler Microscopy ace

- Extraordinary performance offered by Sony PREGIUS and ON Semiconductor CMOS sensors
- Ideal for moderately difficult to challenging microscopy applications, or in bio-science, diagnostics, materials science, engineering, or forensics
- Excellent image quality with superior light sensitivity and a very high dynamic range
- Image frequencies of up to 200 fps for smooth live video preview, fast focussing and scanning of samples at full resolution, and for image analysis of fast-moving objects.

Article	Resolution pixels	Frame rate fps	TV adapter	Order No.
Microscopy ace 1.3 MP	1280 × 1024	200	0.5x	10 19 37321
Microscopy ace 2.3 MP	1920 × 1200	82	1x-1.2x	10 19 37322
Microscopy ace 3.2 MP	2048 × 1536	55	0.45x/0.5x/0.55x	10 19 37323
Microscopy ace 5.1 MP	2448 × 2048	35	0.55x/0.63x	10 19 37324

