

Press release

Press contact:

Jan Brubacher
Marketing &
Communication

Optical imaging systems: **New Series of Acousto-Optic Tunable Filter (AOTF) Video Adapters for Hyperspectral Imaging**

Laser 2000 GmbH
Argelsrieder Feld 14
D-82234 Wessling
Tel. +49 8153 405-39
presse@laser2000.de
www.laser2000.de

Wessling, 21 June 2010 Brimrose Corporation of America has introduced a new series of Acousto-Optic Tunable Filter (AOTF) Video Adapters. The VA200 is designed for visible, visible-NIR or SWIR spectral ranges, and can be used for microscope and camera lens applications.

The VA200 video adapter has C-Mount input/output mechanical interface, which can be plugged into the C-Mount video port of any microscope. Also, a F-Mount to C-Mount adapter makes it compatible with a Nikon ≥ 20 mm SRL lenses as well. The VA200 video adapter comes with two zoom lenses and a F-Mount to C-Mount adapter. The VA200 video adapter with Brimrose Synthesizer Electronics provides narrow bandwidth, rapid wavelength selection, and intensity control. The designed wavelength ranges depends on the customer's camera and Brimrose's AOTF device. The high spatial resolution of the VA200 video adapter will be up to 2560 x 1920 pixels using 6.4 x 4.8 mm camera sensor area.

Key features

- low power consumption
- compact size
- high speed
- hyperspectral imaging
- C-mount interface
- no hysteresis
- low temperature operation

Applications

- Laboratory and Industry Applications
- Environmental Science and Remote Sensing
- Biology and Biomedical Research
- On-Line Quality and Process Control
- Agriculture Monitoring



About Laser 2000:

ince 1986 Laser 2000 is a supplier of high technology in the field of lasers, micromachining equipment, optics, and fiber optic equipment. Our products are designed to meet the challenges of both research and industrial production as well as your actual or future requirements of your applications.

Laser 2000 is headquartered in Munich, Germany and operates local offices in all major business areas of the European market. In order to support your application we deliver top-level service and products and meet the highest standard of quality. With an installed base of thousands of applications around the world, Laser 2000 has shown the ability to provide onsite-support in time.

For further information please contact:

Stefan Kremser PhD., Laser 2000 GmbH, Wessling
Tel.n +49 8153 405-16 • Fax +49 8153 405-33 • s.kremser@laser2000.de