FOR IMMEDIATE RELEASE

Press Contacts:
Robert Schaefer (Press): 631 643-5466
Stuart Singer (North America): 631-761-5000
Dirk Muschert (Worldwide Marketing): +49 671601 389

Schneider-Kreuznach's new high-definition MacroVaron lens increases resolution capabilities of advanced inspection systems

Features* Schneider-Kreuznach*'s new Continuous Aberration Suppression (CAS) technology to improve the efficiency and flexibility of machine vision systems

Bad Kreuznach, Germany, September 12, 2007 – The Schneider Group, a worldwide market leader in high-quality lenses for industrial applications, has introduced the MacroVaron 85mm f4.5 lens featuring Schneider-Kreuznach's new **Continuous Aberration Suppression (CAS)** technology.

The new MacroVaron lens (*MRV 4.5/85 CAS 0.5X-2.0X*) enables system integrators and equipment manufacturers to significantly improve the reliability and flexibility of quality assurance processes in production inspection systems. Schneider-Kreuznach's unique CAS technology within the lens enables the use of ultra-high-resolution down to 2.5 microns over an extremely large magnification range from 0.5X to 2.0X, with uniform performance over the entire range.

A 62mm image circle, low distortion and excellent chromatic correction make the MacroVaron lens ideal for high-resolution line scan applications up to 12k (and down to 5 micron-pixel sizes), such as those used in flat panel display (FPD) and printed circuit board (PCB) inspection systems.

The relative illumination of the lens is virtually constant over the entire image height, enabling the use of the full size of the sensor. This uniformity of light eliminates the need for electronic compensation, thus minimizing the noise of the camera signal. The 85mm focal length of the MacroVaron lens reduces the required working distance, which decreases the space needed for the camera-lens assembly.

"*The powerful diffraction-limiting capabilities of the* MacroVaron lens *represents a major breakthrough for system integrators and equipment manufacturers seeking to improve the performance and efficiency of their machine vision systems,*" explained Dirk Muschert, Director of Marketing of Jos. Schneider Optische Werke GmbH. "*Much like the recent groundbreaking introduction of our 12k Makro-Symmar line scan lenses, the* MacroVaron lens *with CAS technology represents* Schneider-Kreuznach*'s commitment to expanding the boundaries of modern technology trends in the industry*."

Like all Schneider-Kreuznach industrial macro lenses, the new MacroVaron lens features Schneider-Kreuznach's unique iris locking mechanism and robust design, to ensure extremely reliable and precise measurements in even the harshest high-vibration manufacturing environments.

For further technical and contact information, please visit www.schneiderindustrialoptics.com.

About Schneider:
The Schneider-Group, founded in 1913 in Bad Kreuznach, Germany, is a worldwide market leader in high-quality lenses for industrial applications, photographic lenses, optical filters, cinema projection lenses and optical accessories. In total, Schneider has manufactured more than 15 million lenses and has created thousands of optical designs. The Schneider-Group has 550 employees worldwide.

INDUSTRIAL OPTICS Business Unit
Jos. Schneider Optische Werke GmbH designs, develops, manufactures and markets optical and opto-mechanical components and subassemblies for machine vision and other image processing applications. By providing high-quality optical solutions, Schneider helps system integrators and equipment manufacturers to enhance their vision systems.

Headquarters:
Jos. Schneider Optische Werke GmbH
Ringstraße 132
55543 Bad Kreuznach
Germany
Phone: +49 671601-389
Fax: +49 671601-108
www.schneiderkreuznach.com
industrie@schneiderkreuznach.com

North America:
Schneider Optics Inc.
285 Oser Avenue,
Hauppauge, NY 11788
USA
Phone: +1 631 761-5000 / +1 818 255-9350
Fax: +1 631 761-5090
www.schneideroptics.com
industrial@schneideroptics.com

-END-