

Press Release

Universal Current Amplifier

The Flexibly Adjustable Power Amplifier iAMP-700

With the iAMP-700 LASER COMPONENTS offers a programmable current amplifier for the frequency range of up to 720 kHz from their in-house production facility. Due to its adjustable amplification of 10^2 to 10^{11} V/A it is optimally suited for applications in which a conversion from small currents to manageable output voltages is required. The connection can be switched between AC and DC.

Intuitive Operational Concept

All parameter settings can be carried out via a keypad and an LCD display as well as via a digital interface and, for example, a PC. The compact, EMC-compatible housing allows the use of the amplifier next to the source which can access a bias voltage in the range from -10 V to +10 V directly from the iAMP-700.

With its very high, low-noise amplification range and easy operation, the iAMP-700 is equally suited for use as a preamplifier and an output amplifier. It can be used as a universal laboratory amplifier, pulse amplifier, preamplifier for lock-ins, and A/D converter as well as for automatic measurements.

More Information

<http://www.lasercomponents.com/de-en/product/iamp-current-amplifier-1/>

Trade Shows

BiOS 2012, January 21-22, 2012, The Moscone Center, San Francisco, **South Hall – Booth 8517**
Photonics West 2012, Jan. 24-26, 2012, Moscone Center, San Francisco **South Hall – Booth 517**
Analytica 2012, April, 17-20, 2012, Munich International Trade Fairs, **Booth A2.400A**

The Company

LASER COMPONENTS is specialized in the development, manufacture, and sale of components and services for the laser and opto-electronics industries. With sales offices in four different countries, the company has served its customers since 1982. In-house production at six locations in Germany, Canada, and the USA began in 1986 and is meanwhile responsible for about half of its turnover. Currently, the family-run business employs more than 130 people worldwide.