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Press Release PR01476

Significant Voltage Amplifier Improvement

FEMTO® Messtechnik GmbH has revised their DHPVA voltage amplifier series, resulting in two new models DHPVA-101 (DC - 100MHz) and DHPVA-201 (DC - 200MHz). Input voltage drift and noise are improved to an extraordinarily low level whilst maintaining a constant bandwidth at any gain setting.

Stable measurements with the highest precision are possible even at maximum amplification as they exhibit exceptionally low input voltage drift of only 0.3µV/°C and the low input noise of 2.3nV/√Hz. Flat frequency response without peaking was an important design requirement. The maintained bandwidth with gain permits accurate high-speed acquisition whilst preserving the signal shape independent of gain setting. The gain can be selected from 10dB to 60dB in steps of 10dB, corresponding to voltage gain factors from 3.16 to 1000. Input coupling can be switched between AC and DC and the bandwidth can be set to 10/20MHz for reducing broadband noise. All parameters can be selected manually or via the LUCI-10 digital interface. This unique combination of quality features makes the DHPVA series a truly universal laboratory amplifier facilitating near perfect signal processing.

More Information

http://www.lasercomponents.com/uk/product/100-200-mhz-wideband-series-dhpva/

Trade Shows

Photonex Scotland Roadshow, June 14, 2017, University of Strathclyde, **Booth S2**
Photonex, October 11 - 12, 2017, Ricoh Arena, Coventry, **Booth D15**

The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in five different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the United States. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 200 employees worldwide.

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