

measurement device USB-AD16f, a high-performance all-rounder

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Press release from: [BMC Messsysteme GmbH \(bmcm\)](#)



Maisach/Munich/Germany. A new benchmark in measurement technology is set by BMC Messsysteme GmbH (bmcm) with the latest measurement device USB-AD16f, a high-performance all-rounder, recording analog and digital signals with great accuracy.

Technical products basically can be characterized by the following properties: performance, quality and price.

If one feature is more pronounced, it is often at the expense of the others. A product, however, fulfilling all criteria to an extremely high degree, promises to be a great success.

An illustrative example that everyone can relate to: Who is not dreaming about a car with a powerful engine, best driving qualities and extras, but inexpensive and economic at the same time?

In the same manner - to stay with this example - you could describe the latest measurement system USB-AD16f of BMC Messsysteme GmbH (bmcm): a powerful "runabout", provided with many features precisely scanning signals of different frequencies.

What makes this measuring device unique, however, is the combination of high-performance, sophisticated quality, and an unbeatable low price.

(--> www.bmcm.de/us/pr-usb-ad16f.html)

When looking for a suitable product name the manufacturer of innovative measurement technology and PC technology "made in Germany" set great value on pointing out its basic features:

- USB

Measuring via USB interface means mobile and uncomplicated acquisition with fast data transmission. Here, "Plug & Play" and "hot-pluggable" are examples for features, demonstrating the advantages of USB measuring systems.

- AD

With its 16 analog inputs, 2 analog outputs, 4 digital inputs and outputs each and one counter the USB-AD16f really deserves the attribute "multi-functional" and "multi-purpose".

For optimum signal adjustment the measuring range (+/-1V, +/-2V, +/-5V, +/-10V) of the analog inputs can be set for each channel separately via software.

In addition the galvanic isolation of the analog channels and the counter protects against interferences and high potentials.

- 16

Signals are recorded in 16bit resolution, so that even tiniest peaks of a signal will not remain undetected.

• f

At bmc data acquisition systems for high frequencies get this supplement which stands for "fast". With 250kHz sampling rate the USB-AD16f is perfect for fast signals, of course.

Even in terms of software the USB-AD16f exceeds all limitations. It can be installed under Windows, but it also runs with the operating systems Mac OS X, FreeBSD and Linux.

Besides that, the USB-AD16f is supported by the measuring software NextView 4.3 for professional data acquisition and processing.

Driver, ActiveX Controls and the "Live!" version of NextView 4.3 are included with the delivery of the USB-AD16f for free.

In NextView Live! 4.3 signals can be displayed and all functions of the hardware can be tested.

With the USB-AD16f BMC Messsysteme GmbH (bmc) gets measurement technology going and a worthy competitor for the "little runabout" remains to be invented!

For further information please visit: www.bmc.de .

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*** About BMC Messsysteme GmbH (bmc) ***

BMC Messsysteme GmbH was founded in 1994 as an independent corporation with headquarters in Maisach, app. 30 km west of Munich. Until today this autonomy could be kept, so that any affiliation to a business group never existed and is not intended for the future. bmc is one of the only German companies that completely develops and produces all products in Germany, which means quality "made in Germany" at an excellent price/performance ratio.

BMC Messsysteme GmbH serves two business areas:

* Measuring components and PC measurement technology *

This comprises a wide range of connection systems, measuring amplifiers, data acquisition systems, data loggers and the appropriate software.

www.bmc.de/us/prgr-products.html

* D2M (Design to Manufacturing) and OEM products *

BMC Messsysteme GmbH develops and produces electronic components according to customer specifications.

www.bmc.de/us/co-d2m.html

You will receive high-quality products manufactured already since the beginning of 2006 according to the RoHS directive. Of course, the corresponding documentation and CE test is always included.

A German documentation is obligatory for us, as well as an English description to be available to our international customers.

[You can find this press release here](#)