

Press Release



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New PSS Spectrometers and Accessories for In-the-Field Operation

The new PSS 1721 and PSS 2121 Spectrometers come in a 19" half rack and have been designed for mobile-vehicle applications. Fully automatic measurement procedures, such as on grain harvesters, are made possible by 12 v and 24 V power supplies and interfaces to connect the sensor heads.

For continuous goods and non-contact measurements from distances from 150 to 500 mm, the new PSS-H-03 Conveyor Belt Sensor (see photo 1) is the ideal solution. In contrast, the PSS-H-B01 Contact Sensor is best suited for contacting measurements on powders, fluids and bulk material (photo 2). The housing is made from stainless steel with a sapphire window enabling measurements in highly demanding environments. In addition, both sensors meet the IP-64 industrial protection standard. A fully automatic system matching feature allows the transfer of calibration records from one system to another.

The PSS-S-POP Process Software supports automated measurements and the visualization of spectral results in both laboratory and production environments. A target value prediction is possible through use of modeling routines by SensoLogic and The Unscrambler®. Communication with process controllers is accomplished by Beckhoff TwinCAT ® I/O.

More Info: www.polytec.com/st

Publication free of charge

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