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BTG launches the next generation of charge measurement with the Single Point Charge SPC-5500

BTG launches its new online charge instrument called Single Point Charge SPC-5500. It is considerably smaller, easier to install and easier to handle than previous products. Its single point modular design allows for greater flexibility and it comprises BTG's expert knowledge in charge measurement.

The SPC-5500 is suitable for wet-end applications in all papermaking processes such as in tissue, packaging and board or specialty paper. It is used to control key process stages like anionic trash levels in incoming thick stock streams, especially for closed loop control of fixatives. Furthermore, the effectiveness of functional additives dosed along the process can be evaluated through charge measurement.

The SPC-5500 continuously measures the charge of colloidal dissolved substances in process streams. Cationic demand or anionic demand is detected by automatic titration of the sample with an oppositely charged poly-electrolyte solution. Each measurement cycle follows a cleaning which is a basis for correct results.

The BTG Group is an international provider of integrated, highly specialized process solutions for the global pulp and paper industry. BTG is committed to help its customers achieve significant, sustainable gains in business performance.



Picture: SPC-5000 cabinet

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