

About us

The BTG Group is a multinational provider of integrated, highly specialized process solutions for the global pulp and paper industry. Every day our people help customers achieve sustainable gains in business performance through our application know-how and industry-leading technologies. This includes world-leading pulp and paper process control sensors and laboratory instruments as well as rods and beds for film-metering size presses; high-performance ceramic and cermet coating blades; high-performance tissue creping doctors and doctor holders, specialty doctor blades. All of these technologies are supported with expert services and application support.

Our advanced integration philosophy combines high-quality instrumentation, detailed and versatile data analytics and our unique, expert applications experience to provide BTG customers with operational advantages that realise new gains in productivity and profitability.

Headquartered in Eclépens, Switzerland, BTG employs about 600 professionals across the world and operates four manufacturing sites, three research centers and several regional application centers. The BTG Group is an operating unit of Voith Paper (www.voith.com).



Contact

For more information, contact your sales representative.

You can also visit our website (www.btg.com), follow us on linked in (www.linkedin.com/company/followbtg) or write us (info@btg.com)



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Consistency solutions

Optimize pulp & paper productivity through accurate consistency management as fundamental for improved economic benefits

Confidence in the future ✓ **btg.com**

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Consistency

Consistency is the foundational parameter in all pulp and paper making processes to manage mass flow at target consistency and managing it correctly is critical. This applies to virgin pulp making, recycle fiber processing, mechanical pulping, stock preparation and paper machines.

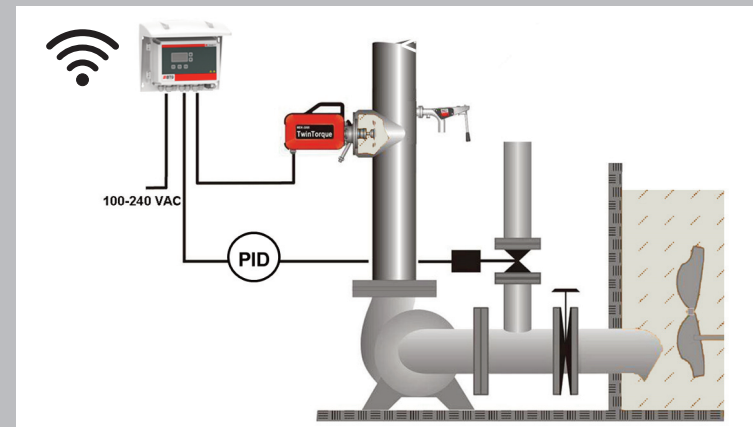
Consistency is defined by the total content of dry solids in the pulp slurry, the slurry being made of water, fibers, fines and fillers. In other words, this is the weight of suspended solids per litre of liquid, and can be summarized as :

$$\text{Total consistency (\%)} = \frac{\text{dry weight of sample}}{\text{total weight of sample}} \times 100$$

BTG makes it easy

BTG is the market leader in consistency solutions. BTG is offering a portfolio of solutions, to meet all possible situations and challenges. The solutions are a combination of appropriate instruments, strong expertise, relevant service and right software. There is not one size fits all! Together with you, and depending on your situation and your objectives, our experts will define what is the best solution for you.

BTG brings a complete set of tools to tackle your consistency challenges



Good consistency control permits variability reduction, which enables a shifting to tighter set points and leading to savings.

Instrument

The challenges

- Do you have different measurement conditions in the mill?
- Do you want to utilize the technology that best fits your application?

BTG will assist you in selecting the right instrument for your location leveraging a full portfolio of sensor technologies and expertise in application best practices.

BTG offers a comprehensive range of equipment for consistency measurement, based on different technologies, to be chosen based on the application and on the conditions: Shear Force, Microwave and Optical.



CONFIRM

Expertise

The challenges

- Do you have a low trust in the measurement from your consistency instrument?
- Do you have poor results with your consistency control?

BTG experts combine technical and process knowledge to help you optimize the performance of your consistency control loops and associated elements.

In consistency measurement, the right hardware is a must. The right brainware is the difference.



CONFIDENCE

Reliability

The challenges

- Do you experience high variability in finished product quality?
- Are you concerned with instrument breakdowns and downtime?
- Does your team lack maintenance skills for your consistency instrument?

BTG service specialists will help you maximize the reliability of your consistency instruments and provide ongoing training and support for your team.

Our service organization, locally available worldwide, guarantees that you will always get the help and support you need, from new installations to service and maintenance of our products. Our service engineers have access to, and knowledge of, the latest developments in the area of consistency monitoring and control. They also have the ability to realize extensive jobs, such as project engineering, planning, evaluation and test installations.

CONSTANT

Full service

The challenges

- Do you need reliable consistency instruments available for control?
- Do you have lack resources to maintain your consistency instruments fleet and associated controls?

BTG offers support for the entire consistency loop including calibration, lab testing, and loop tuning/monitoring for maximal availability and accuracy of your consistency control fleet.

CONVERGENCE

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