

Press release
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New Miele test system for routine checks when reprocessing dental instruments

- ▶ Simple before and after comparison based on coloured bars
- ▶ Rapid colour change directly on instrument surface indicates presence of residual protein

Gütersloh, September 22, 2020. – From October 2020, Miele is offering a unique combined system for performing routine checks during the machine reprocessing of dental instruments. The system comprises the new ProCare Sure I-PM process indicators, which provide a visual decision-making aid when reprocessing dental instruments, as well as the ProCare Protein Check. This enables a simple, qualitative routine check to be carried out during reprocessing, as any residual protein will be indicated by a change in colour on the instrument.

Both products provide optimum protection when used together as they complement each other. The ProCare Sure I-PM process indicators allow users to quickly ascertain whether the necessary combination of process parameters was satisfied during reprocessing in the thermal disinfectant, compared against the validation. Cleaning performance continues to be determined in accordance with the validation guideline or EN 15883. The starter set contains two sheets, each with 32 indicators, allowing a quick and reliable routine check to be performed as part of daily operations. Once reprocessing has been completed in the thermal disinfectant, a red, grey and blue colour bar are compared against a reference sample which was created during commissioning and initial validation. If the colour samples match, users can assume that the interactions examined in the validation, such as between water quality, temperature, time, cleaning agent, programme and rinsing mechanism, have worked reliably in the washer-disinfectant. However, if a significant discrepancy is identified, it is important to investigate the cause.

If, following cleaning and disinfection, residue can be identified on the surface of an instrument, such as in the joints of forceps, the ProCare Protein Check is then to be used. Containing three pens, the set also enables a simple, qualitative routine check of the cleaning process to be carried out. A test fluid is applied directly to the surface of the instrument, is left to take effect for three minutes and is then rinsed off under running water. If the residue is of organic origin, a critical amount of residual protein will still be present on the instrument. This is indicated immediately by a colour change. The process is extremely

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simple, and as the test is performed after the final programme stage – thermal disinfection – it does not interrupt any workflows while the instruments are being reprocessed.

The Miele test system comprising the ProCare Protein Check and ProCare Sure I-PM for regular routine checks therefore guarantees maximum quality for cleaning procedures in the dental surgery – and increases patient safety.

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Company profile: Miele is the world's leading manufacturer of premium domestic appliances including cooking, baking and steam-cooking appliances, refrigeration products, coffee makers, dishwashers and laundry and floor care products. This line-up is augmented by dishwashers, washing machines and tumble dryers for commercial use as well as washer-disinfectors and sterilisers for use in medical and laboratory applications (Miele Professional). The Miele company, founded in 1899, has eight production plants in Germany as well as one plant each in Austria, the Czech Republic, China, Romania and Poland. These are joined by the two plants belonging to Miele's Italian medical technology subsidiary Steelco. Turnover in the 2018/19 business year was around € 4.16 bn, with a share of business outside Germany of approx. 71%. Miele is represented with its own sales subsidiaries and via importers in almost 100 countries/regions. Throughout the world, the family-run enterprise, now in its fourth generation, employs a workforce of around 20,500, whereof 11,050 are employed in Germany. The company has its headquarters in Gütersloh in Westphalia.

There are two photographs with this text



Photo 1: Perform quick and simple routine checks of reprocessing procedures with the ProCare Sure I-PM indicator from Miele.

(Photo: Miele)



Photo 2: With the ProCare Protein Check from Miele, a change in colour indicates the presence of residual protein on reprocessed instruments, providing a quick and simple routine check.

(Photo: Miele)

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