

PRODUCT DESCRIPTION

- The product „**gt flow cleaning**“ is intended for the regular maintenance of the fluidic system
- Typical application is the daily cleaning procedure, which is a good preventive measure to keep your flow cuvette and connecting tubing clean. In case of an intensive usage of your cytometer, it is possible to perform this cleaning procedure more often.

CONTENTS

- gt flow cleaning solution is delivered in 250 mL bottle with a screw cap in „ready-to-use“ form and contains following active substances:
 - anionic detergents, denatured alcohol, potassium hydroxide and other auxiliary agents in aqueous solution

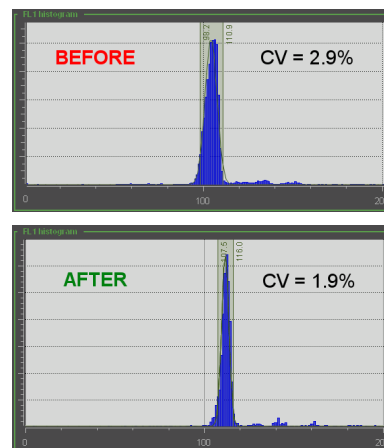
DAILY CLEANING PROCEDURE

- Fill the sample tube with an amount of approximately 2 mL of the **gt flow cleaning solution**.
- Start the measurement with an increased sample speed, e.g. 20 $\mu\text{l/s}$ and repeat it until the the cleaning solution is completely used up
- Insert a second clean tube filled with approximately 3ml of **sheath** or **DI water**.
- Repeat the measurement again until the the second tube is empty.
- Then run the „Sheath Fluid Prime“ procedure for about 2 minutes. Decrease the sample speed back to usual values, e.g. 0.5 $\mu\text{l/s}$.
- After this, your cytometer is ready for the next measurement.



FUNCTIONALITY DEMONSTRATION

- The effect of the cleaning solution is demonstrated by two fluorescence signal histograms of the standard calibration sample – latex beads stained with PI dye.
- The first one was measured after 6 hours of measurement session with various samples and shows a **CV=2.9%**, which is considered too high and would lead to less accurate measurements.
- **After applying the gt flow cleaning solution** (procedure described above), the CV of the same sample (without any adjustment of the instrument) **improved to a value of CV=1.9%**, which is identical to the status of the cytometer at the beginning of the measurement session.



PRICE LIST

Cat. no.	Product name	Delivery conditions	Price (€ excl. VAT)
FCR-010-250mL	gt flow cleaning (250 mL)	1 week	6.95

Price excludes shipping fees.



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