



MERGITE!

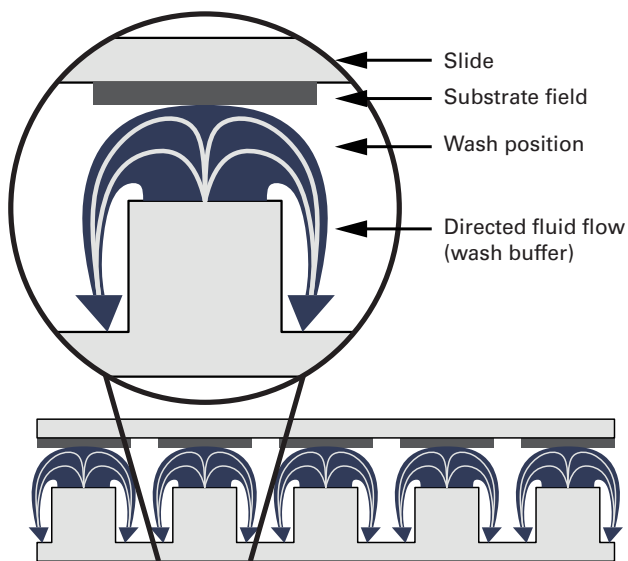
Fully automated washing of IFT slides



- ✓ **No cross contamination of substrate fields due to field-by-field washing with directed and controlled fluid flows**
- ✓ **Efficiency due to simultaneous washing of 50 substrate fields in approximately 30 seconds**
- ✓ **Easy handling of slides, reagent racks and cover slides through the use of carriers**
- ✓ **Convenient operation due to user-friendly and intuitive user interface**
- ✓ **Independent device with integrated touch screen**



Conventional manual and automated methods for washing of IFT slides have numerous problems. For instance, they are unable to ensure a constant and consistent washing quality, thus offering only limited reproducibility of results. Moreover, there is the risk of damage to the substrate through the contact with washer needles or in manual drying of slides.



MERGITE! washing technology allows for the first time fully automated washing of IFT slides with outstanding quality and many additional advantages.

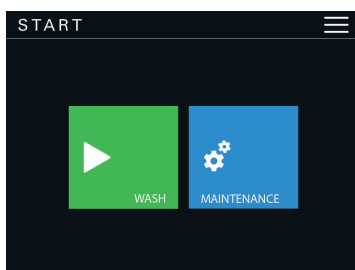
The directed and at the same time gentle liquid flow ensures high washing efficiency (parallel washing of 50 substrate fields in approx. 30 seconds) and careful handling of the substrates.

Compared to manual washing, **MERGITE!** offers a high degree of standardisation, thus banishing beakers, cuvettes and paper towels from IFT laboratories – drying of slides using tissue is obsolete. This helps to improve reproducibility and reduces the number of required processing steps.

Furthermore, the process allows reduction of the required amount of buffer of up to 50% compared to manual washing.

The use of carriers enables easy and convenient processing of up to five TITERPLANE slides simultaneously.

This minimises the risk of handling errors and increases efficiency during manual processing, from the first incubation step to mounting.



MERGITE! is equipped with an integrated touch screen and does not require the use of a PC. It is therefore independent and does not require much space.

The intuitive user surface allows quick familiarisation with the application. Previous knowledge or trainings are not required.