

BioTek's 50 TS Microplate Washer is a compact microplate washing system with functionality that is unsurpassed in its class. The color touchscreen provides a visual interface with menu-driven programming that makes creating protocols fast and intuitive. Its performance for conventional ELISA plate washing is excellent, but the 50 TS offers much more. Its modularity makes it ideal for cell-based assay washing, biomagnetic separation and vacuum filtration processes. The 50 TS is an affordable choice for automating the wash steps of a variety of applications in clinical and research laboratories. Used in conjunction with the 800 TS Absorbance Reader or other detection system, the 50 TS offers a welcome upgrade from manual processing - bringing convenience and consistently high quality results to your laboratory's plate washing workflows.

- From the #1 microplate washer brand, BioTek, known for performance, reliability and support
- Application versatility: ELISA, cell-based assays and bead-based assays
- Color touchscreen makes programming quick and easy
- Easy touch operation for washing full or partial plates
- Reliable and safe: liquid level sensing
- Automated switching of up to 3 buffers for even greater automation
- Automated, built-in maintenance routines for continued reliable operation



Applications:

- ELISA
- Cell-based assays
- Biomagnetic particle separation assays
- Filtration-to-waste protocols

Configurations:

50TS8 and 50TS12: For 96-well washing
 50TS16: For 96- and 384-well washing

See www.biotek.com for all configurations and options.

Optional Accessories:

- 4-, 8-, 8s-, 2 x 8- and 12-well manifolds
- 96-well magnets - choice of immobilization patterns
- Product Qualification Package

Specifications:

Microplate types: 24-, 96-, 384-well plates and microwell strips
 Process speed: <80 secs (3 cycles, 300 µL/well, 96 wells)
 Wash cycles: 1- 10
 Volume range: 25 to 3,000 µL
 Fluid delivery: Positive displacement syringe drive
 Separation methods: Biomagnetic and vacuum filtration
 Dispense precision: <3% CV (96 wells)
 Residual volume: <2µL/well (96 wells)

See www.biotek.com for detailed specifications.

Preliminary performance values represent the average observed factory test values. Specifications subject to change.

Regulatory:

CE and TUV marked. Models for In Vitro Diagnostic use are available.

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