

## ELISA Microplate Analyzer

**Calculation mode:** Line, Interpolation, Linear Regression, Semi-logarithm, Logarithm, Logit-log, Quadratic

**Reading system:** 8 independent photometric channels

**Interference filters:** 4 precision filters 405nm, 450nm, 492nm, 630nm. Or optional. (max 10 filters, 400-800nm)

**Linear range:** 0.000-4.000A

**Linearity:**  $\pm 1.0\%$

**Accuracy:**  $\pm 0.01A$

**Reproducibility of analysis:**  $CV < 0.5\%$

**Microplate reading speed:** monochromatic 5s and bichromatic 10s

**Quality control function:** QC data and curve available

**Power requirement:** 220  $\times (1 \pm 10\%)V$ , 50  $\times (1 \pm 2\%)HZ$ ; 100VA; fuse plug  $\phi 5 \times 20$  2A

**Measurement:** 430mm  $\times$  340mm  $\times$  177mm

**Weight:** 8.1kg



## ELISA Microplate Washer

**Plate washing:** 8 & 12 manifolds, residual volume  $< 2\mu l$  each well.

**Minimum & maximum liquid volume of each well:**  $10\mu l$  &  $3000\mu l$

**Plate washing precision:**  $CV \leq \pm 5\%$  at  $300\mu l$

**Plate washing inaccuracy:**

$CV \leq 5\%$  every well,  $CV \leq 3\%$  every strip

**Programs:** wash protocols are user-programmable for rinse, soak, aspirate, shake and rinse before shutting down.

**Soak time:** 0s-3600s

**Shake time:** 0s-60s

**Wash cycles:** 1-20 times

**Well bottom rinse time:** 0s-60s

**Power requirements:** 220  $\times (1 \pm 10\%)V$ ; 50  $\times (1 \pm 2\%)HZ$ ; 60VA

**Measurement:** 420mm  $\times$  416mm  $\times$  159mm

**Weight:** 5.5kg

