

DeltaTox® II

SPECIFICATIONS:

Size: 20cm x 18cm x 10cm (8" x 7" x 4")

Weight: 1 kg (2.2 lbs)

Power: Self contained Lithium ion battery or a universal power adapter (15 V dc @ 4 amps)

Instrument Operational Temperature: 0°C - 40°C

Reagent Operational Temperature: 10°C - 35°C

Dynamic Test Range: 1 to 60 million counts (approx.)

Approvals: CE (European Community)

Display Output: Backlight LCD – 8 lines x 20 characters

Data I/O: standard serial USB for data transfer and firmware updates

Data Storage: 6.5k byte storage area (approx. 600 reads)

Data Handling: Stand alone or download capability to PC; built in software prompts operational steps, records light measurements and automatically calculates results for immediate review and further analysis

Test Reagent: Freeze-dried luminescent bacteria (*vibrio fischeri*)

Toxicity Reagent Storage: Freeze-dried -15°C to -25°C

Rehydrated 2 hours (ambient temperature)

ATP Reagent Storage: Refrigerate

Test Modes: Toxicity (Q-Tox and B-Tox) and ATP measurement

Test Durations: 1-60 minute exposure

Test Measurement Criterion: Light output by test reagent measured after timed exposure to a sample

Results Display: Percent light loss or gain for toxicity test; or light unit (photon) count (for ATP measurements)

Repeatability (Precision): <20% coefficient of variation for B-Tox and Q-Tox mode testing

Sensitivity and Range: The analyzer can detect photon counts from 0 to 60 million



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