



TC-MATRIX480

- Teco's TC-MATRIX480 is a biochemistry analyzer for in vitro diagnostic use in clinical laboratories and designed for in vitro quantitative determination of clinical chemistries in serum, plasma, urine or cerebrospinal fluid samples.

For over 25 years, Teco Diagnostics has been an industry leader in the manufacturing of in-vitro clinical diagnostic tests and instruments. From powder to liquid clinical chemistry, we have high quality solutions for your diagnostic needs. Based in Anaheim, CA, our manufacturing facility is FDA regulated, and thus all phases of our production processes are based on strict Current Good Manufacturing Practices (cGMP) regulations which safeguard the excellent quality of all our products.



FDA Registered and cGMP
Compliant Manufacturer
ISO 13485:2016 Certified
SA8000 Certified I CE



TC-MATRIX480

Technical specifications

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|----------------------|--|
| Throughput | 400 tests per hour (Double Reagents) |
| Reagent/Sample | 90 reagents position and 120 sample positions in refrigerated compartment. |
| Cuvette Washing | Automatic cleaning of reaction cups, and automatic cleaning & drying of reaction cup (cuvette) at the end of each test for next using With a stable temperature of $37 \pm 0.1^{\circ}\text{C}$ |
| Methodology | One point end, two points end, fixed time & Kinetics |
| Measuring Principles | Measuring Principles: Color-metric method & turbidimetry |
| Dimension | 1100mm x 765mm x 1150mm |
| Power Supply | AC230 V, 50Hz -- AC110 V, 50/60 Hz |
| Calibration Type | Linear & Nonlinear |
| Optical system | Halogen-Tungesten Lamp |
| Reaction volume | 150uL-350uL |
| Reaction Time | 10min |
| Reagent volume | 20-300uL, step by luL |

