D280 BIOCHEMISTRY AUTO ANALYZER

Technical Specifications

- Random Access (Emergency test input mode), Easy mode (Continuous loading mode)
- Test Methods: Kinetic, Endpoint, Differential (Sample Blank) Fixed Time, Protein immunoassay, Turbidimetric, Multichannel tests (1-6 Calibration)
- Test Speed: 400 Tests/Hour (Including ISE) (Photometric: 280 Tests/Hour)
- Reagent Table: R1, R2: 40 Reagents (Total: 80 Reagents)
- Sample Tray: 60 Samples at the same time
- Calibration and Control: Can be done by 1-6 calibrators/controls automatically
- Cooling System: By stable pellet system between 2-8 °C. Cooling unit can work separately from main unit (Lamp saving system)
- Cover on reagent, sample, reaction units defense evaporation
- Automated control dirty range of reaction cuvets
- Liquid level sensor: Sample, R1 and R2 (Low reagent/sample warning)
- Probe crash sensor (Probe saving system): Sample, R1, R2 and ISE probes
- Automated washing station (8 Times wash and dry function)
- Reusable reaction cuvets and automated cleaning system on reaction cuvets.
- Reaction Tray: 90 Reusable photopic high quality PS reaction cuvets
- Optional Quartz reaction cuvets usage (Long life)
- Online control system from central tech service (Remote Control)
- Ready HIS/LIS application (Data can input automatically and can send to hospital automation system automatically)

- Typical reaction volume: 180µL - 360µL
- Direct Reading System: By fiberoptic light cable technology
- Autodilution: In case of test results higher than linearity range
- Primary sample tubes (Vacuum) and sample cup usage feasibility
- 1 m long hydrogen lamp, filter saving system by light fiber over fiberoptic cables
- Photometric test accuracy: ±1% between 0.0000 OD (Abs.) to 5.0000 OD (Abs.)
- Reading interference <2 mV at 340 and at 3.300mA
- Carry Over Value: (Influencing one test from another) Less than ±1%.
- Reaction Table Incubation: 37 °C ±0.1°C by pellet effect.
- Open/flexible reagent application system and ready application inserts for detailed Archim Biochemistry Turbidimetry reagent panel.
- Windows XP/2000 based Control/Management Program
- Unlimited users/spryrotes, more than 200 different test program locations.
- Leve-jennings QC Charts, QC programs, QC results printing, Statistical data
- ISE Modules (optional) with test items Na⁺, Cl⁻, K⁺, Ca²⁺, Pb
- Control by Computer by RS232 data cable, Data back-up systems
- Barcode reader for automatic sample input
- Size (cm): 68.80-130 Weight: 235 Kg
- Power: 220 Volt/50 Hz

- Test Speed: 400 Tests/hour (Including ISE).
  (Photometric test speed: 280 Tests/hour)
- Reagent Tray: 80 reagents
- Sample Tray: 60 Samples
- Random Access, Easy Mode
- 8-14 filters flexibility
- 3 Probes (Sample-R1-R2, ISE, Mixing Probes)
- Powerfull cleaning system and optimum incubation
- environment by prewarmed distilled water to 37°C
- Low distilled water consumption (2-4 Liter/hour)

Turkey and Middle East Distribution

Sezmed Diagnostic A.S.
Kısa Cd. 2/1 Sok. No:63-4 Inan is
Merközi Yurullu/Bagcilar/Istanbul/TURKEY
Tel:+90(212)444 88 92/3 Fax:+90(212) 829 98 89
www.archem.com.tr www.sezmed.com

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