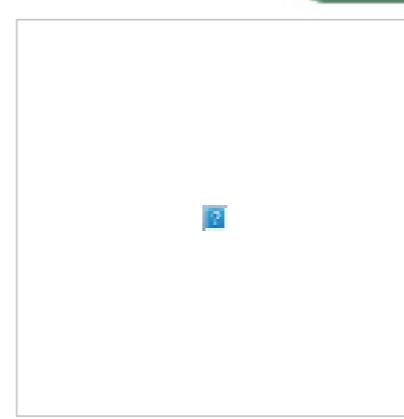


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## Abbott architect i2000 manual

**Architect 2000i abbott. Abbott architect i2000sr principle. Architect i2000. Abbott architect i2000 manual pdf.**

The ARCHITECT i2000SR immunoassay analyzer provides fast and reliable results with its STAT capabilities. The flexible protocols allow for efficient workflow management. This system processes up to 200 tests per hour and has a load capacity of 135 samples, with 25 refrigerated reagent positions. A maximum value of 389 BTU/hr was obtained for the System Control Center (SCC) using the i2000SR as a representative system. Values obtained during an internal study, data is on file with Abbott Diagnostics. c4000 c8000 c16000 Feature Photometric, Potentiometric, Turbidimetric Maximum Throughput Up to 800 tests/hour Up to 1,200 tests/hour Up to 1,800 tests/hour Sample Types Serum, Plasma, Whole Blood, Urine, CSF Sample Tubes Height: 72-102 mm Diameter: 9.6-16.1 mm Sample Cup (Dead Volume) Yes (50  $\mu$ L) Sample Capacity 100 Sample Barcode Types Code 39, Codabar, Interleaved 2 of 5, Code 128 Sample Result Storage 50,000 Sample Volume 1.5-35  $\mu$ L Average: 7.2  $\mu$ L Automatic Dilution Yes Sample Probe Carryover 97% liquid ready-to-use Reagent Onboard Stability 5-65 days Average: 36 days Calibration Frequency 1-60 days Average: 25 days Sample, Clot and Bubble Detection Yes Sample Interference Measurement Yes, hemolysis, icterus, and lipemia System Control Center 1 SCC, with color touchscreen monitor, keyboard, and mouse \*\*ARCHITECT Systems Overview\*\* The ARCHITECT i1000SR, i2000SR, and i4000SR systems are automated laboratory instruments designed for high-throughput testing. Key features include: \* Sample tube specifications: + Height: 72-102 mm + Diameter: 9.6-16.1 mm \* Sample capacity and barcode types vary by system, but all three can read multiple barcode formats. \* Each system has a sample result storage capacity of 50,000 samples and an average sample volume of 57-62  $\mu$ L \* Automatic dilution, sample probe carryover control, and assay capacity onboard are features shared across the three systems. \* Calibration frequencies and reagent stability also show similarities among the systems. \* Each system has a unique set of dimensions, weight, and electrical requirements. \*\*System Comparison\*\* The i1000SR, i2000SR, and i4000SR systems differ in their maximum throughput capacity: \* Up to 900 tests/hour for the i1000SR \* Up to 1,400 tests/hour for the i2000SR \* Up to 2,000 tests/hour for the i4000SR Additional system-specific features include: \* Sample types and tube specifications vary by system \* Host interface and remote diagnostics capabilities are shared across the three systems \* Each system has a unique set of dimensions and weight. \*\*Shared Features\*\* The three ARCHITECT systems share several common features, including: \* Automatic dilution and sample probe carryover control \* Assay capacity onboard (25-50 assays) \* Reagent type (100% liquid ready-to-use) and stability (14-30 days) \* Calibration frequency (new lot number or out-of-range controls) \* Sample interference measurement (no) \* System control center specifications (1 SCC with color touchscreen monitor, keyboard, and mouse) I hope this paraphrased version meets your needs! XACT Lab System Specifications Height: 72-102 mm, Diameter: 9.6-16.1 mm Dead Volume: 50  $\mu$ L Sample Capacity: 180, 365 Barcode Types: Code 39, Codabar, Interleaved 2 of 5, Code 128 Sample Result Storage: 50,000 Volume: See c4000 and i1000SR specifications Automatic Dilution: Yes Carryover:  $\leq$ 0.1 parts per million Assays Capacity: Onboard 80 plus patented ISE (Na<sup>+</sup>, K<sup>+</sup>, and Cl<sup>-</sup>) Reagent Type: See c4000 and i1000SR specifications Onboard Stability: See c16000 and i2000SR specifications Calibration Frequency: See c16000 and i2000SR specifications Sample, Clot and Bubble Detection: Yes Reagent Pressure Monitoring: See c16000 and i2000SR specifications Sample Interference Measurement: Yes, hemolysis, icterus, and lipemia System Control Center: 1 SCC with color touchscreen monitor, keyboard, and mouse Onboard Maintenance Records: Yes Online Error Code Help: Yes Host Interface: Bidirectional, serial RS-232 interface, host query option available Remote Diagnostics: AbbottLink Dimension (H x W x D): 49" x 111" x 36" Weight: 1,677 lbs, 760.7 Kg, 2,447 lbs Please note that the images and people featured in them are for demonstration purposes only, with any individuals potentially being models. Reference number: ADD-121925-GBL-EN, dated September 2021. Additionally, all ARCHITECT instruments are categorized as Class 1 laser products.