

TECHNICAL SPECIFICATIONS 技術仕様書

Assay Types	Absorbance, End Point, Kinetic, coagulation
Wavelengths	8 Filters (340nm, 405nm, 450nm, 505nm, 546nm, 578nm, 630nm) ±10nm
Photometer Range	Upto 3.000Abs
Aspiration Volume	300µL to 1000µL

Cuvette Volume	Min 500µL
Flow Cell	18µL/32µL
Light Source	6V/10W, Tungsten Halogen Lamp
Storage Capacity	245 Programs, 20,000 Test records with Reaction curve

Temperature Control	25, 30, 37, (°C) Peltier Effect
Display	8" Graphic colour LCD with resistive touch screen, Resolution- 800 X 480 Pixels
Printer	Built In Thermal printer (can be turned ON & OFF when desired)
Interface	External Keyboard, Mouse, RS232

Power Supply	110-240AC ±10% 50/60Hz ±3Hz, 50W (Max)
Storage Conditions	Temperature 10 °C to 50 °C, Relative Humidity, upto 85%
External Dimensions	360mm(L)x355mm(B)x170mm(H)
Weight	6.6kg

* Optional Barcode reader available.



ERAI REAGENTS 試薬

* Reagents

Wide range of Clinical Chemistry Kits
幅広い臨床化学キットのラインナップ

Liquid stable reagents
液状安定試薬

Accurate and Precise result with high Linearity
高い直線性を備えた正確かつ精密な測定結果

Mono vials for special Tests
特殊検査用のモノバイアル

Pack size as per requirement
要件に応じたパックサイズ



Erai Chem660

CLINICAL CHEMISTRY ANALYZER

臨床化学分析装置



*Specifications are subject to change without the prior notice of manufacturer.



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ERMA INC.
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SEMI - AUTOMATIC CLINICAL CHEMISTRY ANALYZER

半自動臨床化学分析装置

Our Erai Chem660 Semi-Automatic Clinical Chemistry Analyzer is based on Micro Processor controlled programmable Analyzer to perform routine biochemistry tests.

3 Modes in one / 1台で3モード

- * Flow cell
- * Cuvettes
- * Coagulation tube with optional coagulation adapter

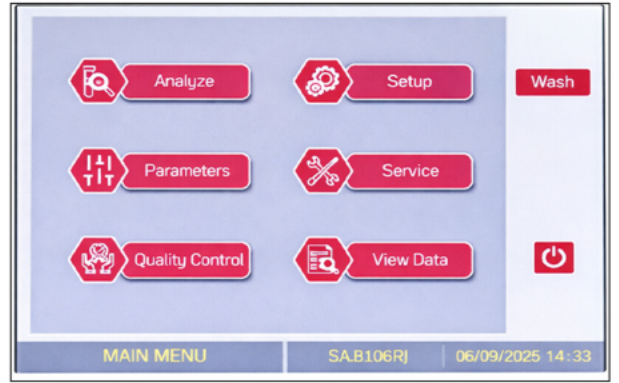


USER INTERFACE & OPERATION SCREEN

ユーザーインターフェース & 操作画面

Main Menu

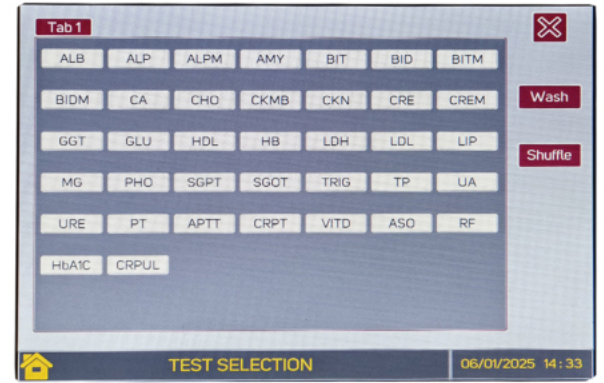
メインメニュー



- * Graphical display gives you true convenience in operation and minimizes errors while entering data
- * Shortcut keys for menu to ease the operation
- * User friendly software with interactive graphical user interface
- * Erai Chem660 is analyzer with a variety of features and performance levels to fit any application

Assay Selection

アッセイ選択



- * 245 built-in test programs covering routine and specialized biochemistry parameters
- * User-programmable open system, allowing laboratories to add, modify, or customize test methods as required
- * Flexible method management with editable factors, wavelengths, and calibration settings for precise results

Real Time Sample Analysis

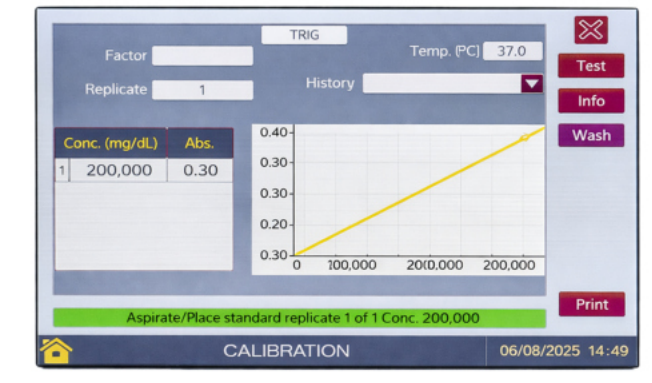
リアルタイムサンプル分析



- * Real-time reaction curve display with intelligent checks and flagging for confident reporting
- * Continuous monitoring of absorbance changes during the reaction
- * Automatic detection of abnormal reaction patterns for improved result reliability

Calibration Setup

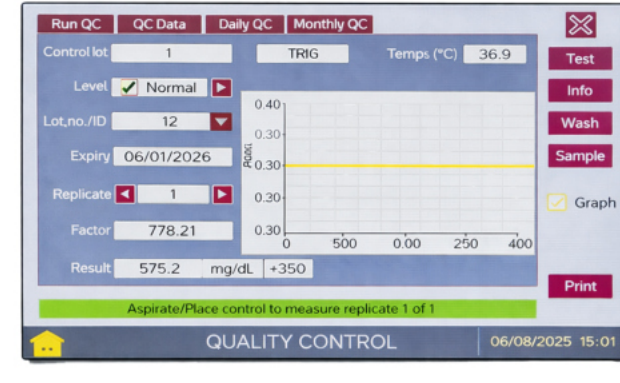
キャリブレーション設定



- * Multiple calibration modes including K-factor, Linear, and advanced Non-Linear curves
- * Supports Spline, Logit-Log, Exponential, Parabola, and Polynomial calibration methods
- * Flexible calibration setup for accurate biochemical and immunoturbidimetric assays

QC Monitoring

QCモニタリング



- * Levey-Jennings QC plots for daily and monthly data to visually monitor assay performance
- * Supports laboratory accreditation by enabling effective QC evaluation and documentation
- * Stores up to 20,000 patient results with date-wise, test-wise, and patient-wise collation, including reaction curves

Aspiration System

吸引システム



- * Aspiration system: Peristaltic pump driven by stepper motor for accurate and precise aspiration of reaction mixture
- * Air purging after every sample aspiration to minimize carryover
- * Maintenance: Automatic cleaning of flow cell at the end of assay and at shutdown with special wash solution improves the performance of the analyzer