

Automated analyzer for clinical chemistry

# SPOTCHEM<sup>™</sup>EZ

SP-4430







## Three Good Reasons to use SPOTCHEM™ EZ for On-the-Spot Chemistry Testing

#### 1. Fast Patient Care

- Same visit results in as little as 4 to 15 minutes
- Requires no special operating skills
- On board centrifuge
- Measures up to 8 tests simultaneously

### 2. Easy Operation

- Fully automated with walk away operation
- No sample pre-treatment required
- Calibration in seconds with swipe of magnetic card

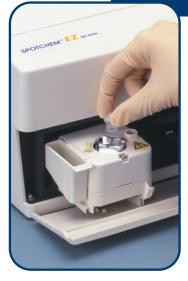
#### 3. Versatile Testing

- Can run panels or single tests to test the way you need to
- Test menu consists of 21 tests and 3 panels
- Lightweight and portable for easy transport

Run a panel, run a single, or combine to meet your needs



## Easy 3-step process simplifies operation and staff training



Step 1: Add sample and insert centrifuge cup



Step 2: Place test strip



Step 3: Press start and await results

#### SPOTCHEM™ EZ Test Menu



#### **CLIA Waived**

**Diabetes Tests**Glucose

ALT AST Lipid Tests

Lipid Panel

• HDL-C

TCTriglyceride

• LDL-C (calculated value) Cholesterol

Total Bilirubin

Triglyercerides HDL General Chemistry Tests

Panel 1 (ALB, BUN, GLU, CRE, CAL) Panel 2 (ALP, T-BIL, ALT, AST, TP)

BUN

Creatinine Total Protein

#### Moderate

**Diabetes Tests**Fructosamine

**General Chemistry Tests** 

Albumin ALP Calcium CK Phosphorus LDH

LDH Uric Acid Amylase GGT

Magnesium



#### **Specifications**

Sample: Whole blood, serum, plasma

Measurement Wavelength: 5 wavelengths (405, 550, 575, 610, and 820 nm)

Measurement Principle: Optical measurement of reflection intensity of reagent color reaction

**Processing Speed:** 48 samples per hour

Minimum Sample Volume: 250 μL whole blood, 100 μL serum

Simultaneous Measurement: 3 Single Reagent Strips and/or 1 Multi Reagent Strip

Reagent Reaction Temperature: 98.6°F (37°C)

Light Source:LED and Interference filterCalibration Method:Calibration by magnetic card

Data Storage Volume: 100 tests

Display: 20 digits x 2 lines

**Built-in Printer**: 36-character thermal printer (58 mm width)

External Output: RS-232C interface

Power Supply: AC100~120V, 220~240V, 50/60Hz (AC adapter method)

**Power Input:** Max. 100VA

Dimensions: Width 13.5" x Depth 8" x Height 6.5"

Weight: 12 lbs.

Distributed by:

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