



Automated analyzer for clinical chemistry

SPOTCHEM™ EZ

SP-4430



**Easy,
On-the-Spot
Chemistry Testing**



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
• TC
• Triglyceride
• LDL-C
(calculated value)
Cholesterol
Triglycerides
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	Amylase
Calcium	CK	GGT
Phosphorus	LDH	Magnesium
Total Bilirubin	Uric Acid	





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 μ L whole blood, 100 μ L 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 filter
Calibration 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:

Jant Pharmacal Corporation

16530 Ventura Blvd, Suite 512, Encino, California 91436 USA

Tel: 818.986.8530 Fax: 818.986.0235

www.jantdx.com info@jantdx.com

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Arkray USA, Inc.
Minneapolis, MN 55439 USA

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