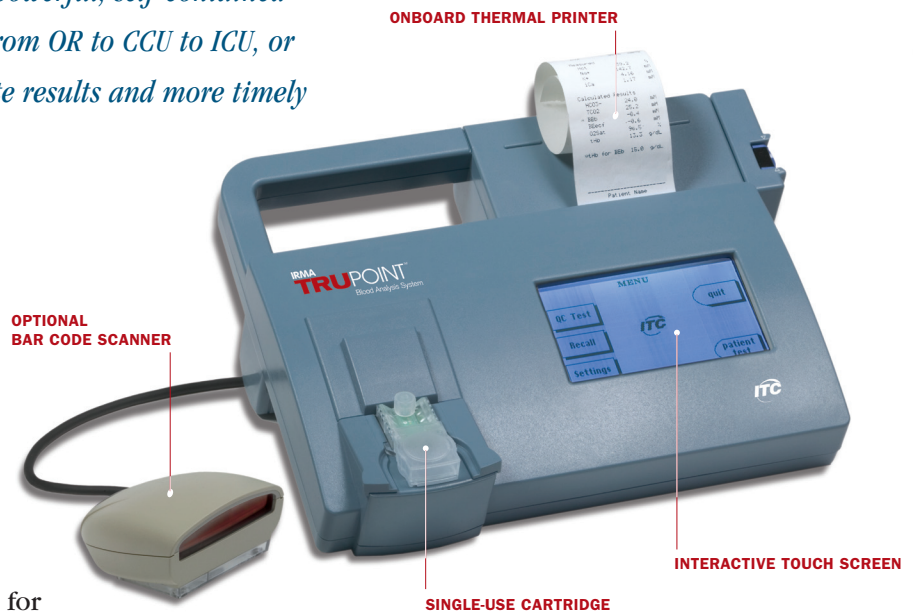


*Bedside testing that's
accurate, reliable and self-contained.*

Accurate results where and when you need them.

IRMA TRUpoint sets the standard for testing blood gas, electrolytes and other chemistries right at your patient's side—the true point of care. This powerful, self-contained system can easily be transported from OR to CCU to ICU, or wherever you need it for immediate results and more timely diagnostic interventions.



ACCURATE

Obtain immediate results right at the bedside for improved efficiencies, diagnostic capabilities and procedural outcomes.

- Precise results within two minutes
- Lab-quality accuracy
- Comprehensive menu
- Custom correlation for site-specific analyte reference ranges

RELIABLE

Trust, integrity and performance with simple, intuitive operation and advanced quality features.

- Single-use cartridge for maintenance-free convenience
- Self-contained calibrant in each cartridge
- Real-time, automatic electronic quality control for enhanced safety and improved compliance
- Exceptional service and support

SELF-CONTAINED

Discover complete portability with light-weight, easy-grip, battery-operated, all-in-one design.

- Interactive touch screen
- Onboard thermal printer documents results and test notes
- Complete data management from patient information to lot traceability
- Bar code capabilities for on-the-spot accuracy
- Comprehensive connectivity, including modem, serial port or Ethernet

SYSTEM SPECIFICATIONS

MEASUREMENT METHODOLOGIES

Conventional electrochemical methodologies

MEASURED VALUES

BG cartridge: pH, pCO₂, pO₂
H3 cartridge: Na⁺, K⁺, iCa, Hct
CC cartridge: pH, pCO₂, pO₂, Na⁺, K⁺, iCa, Hct
H4 cartridge: Na⁺, K⁺, Cl⁻, BUN, Hct
GL cartridge: Na⁺, K⁺, Cl⁻, Glucose
CR cartridge: Creatinine
LA cartridge: Lactate

CALCULATED VALUES

BG cartridge: HCO₃⁻, TCO₂, BEb, BEecf, O₂SAT
H3 cartridge: tHb
CC cartridge: HCO₃⁻, TCO₂, BEb, BEecf, O₂SAT, tHb, iCa(N)
H4 cartridge: tHb
CR cartridge: MDRD-GFR

REPORTABLE RANGES

Measured

pH: 6.000-8.000 pH units
pCO₂: 4.0-200.0 mmHg (0.53-26.66 kPa)
pO₂: 20.0-700.0 mmHg (2.67-93.33 kPa)
Na⁺: 80.0-200.0 (mM, mEq/L)
K⁺: 1.00-20.00 (mM, mEq/L)
Cl⁻: 30.0-150.0 (mM, mEq/L)
iCa: 0.20-5.00 mM
(0.40-10.00 mEq/L; 0.80-20.00 mg/dL)
BUN: 3-150 mg/dL (1.1-53.5 mM)
Glucose: 20-500 mg/dL (1.1-27.8 mM)
Hct: 10.0-80.0% (.100-800 SD)
Creatinine: 0.2-12 mg/dL (18-1061 umol/L)
Lactate: 0.30-12 mmol/L (2.7-108 mg/dL)

Calculated

HCO₃⁻: 0-99.9 mM
TCO₂: 0-99.9 mM
BEb: ±99.9 mM
BEecf: ±99.9 mM
O₂SAT: 0-100%
tHb: 3.4-27.2 g/dL (2.1-16.9 mM)
iCa(N): 0.20-5.00 mM
(0.40-10.00 mEq/L; 0.80-20.00 mg/dL)
MDRD GFR: Up to 60 mL/min/1.73m²

DISPLAY

Liquid Crystal Display (LCD) touch screen

MEASUREMENT TEMPERATURE

Blood gas sample measured at 37°C/(98.6°F)

PATIENT TEMPERATURE CORRECTION

Automatic with patient temperature entry

CALIBRATION

IRMA TRUpoint sensors automatically calibrate prior to each test using a pre-packaged calibrant

MINIMUM BLOOD SAMPLE SIZE

0.2 mL from a syringe
0.125 mL from the IRMA TRUpoint Capillary Collection Device

OPERATING/STORAGE CONDITIONS

Cartridge storage temperature: 15-30°C/(59-86°F)
Creatinine: 2-8°C/(35.6-46.4°F)
Temperature operating range: 12-30°C/(54-86°F)
Relative Humidity: 0-80% RH

OPERATING BAROMETRIC PRESSURE RANGE

350-900 mmHg
On-board barometer automatically measures barometric pressure

POWER REQUIREMENTS

Analyzer: 7.2 V, 2 amp by rechargeable battery or AC adapter
Battery charger: 100-240 Vac, 50-60 Hz, 1 Amp

BATTERY RECHARGE CYCLE (EMPTY BATTERY)

2.5-7.0 hours

OPTIONAL ACCESSORIES

Bar code reader
idms™ data management software
Device Set configuration software

INTERFACES WITH POCT INFORMATION SYSTEMS

- Laboratory Data Systems AegisPOC™
- Medical Automation Systems RALS®
- Telcor QML®

For more information contact Customer Service at 1-800-631-5945

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International Technidyne Corporation
8 Olsen Avenue • Edison, NJ 08820 USA
tel: 732.548.5700 • fax: 732.248.1928
www.itcmed.com
a subsidiary of Thoratec Corporation