

Wako

Wako Diagnostics

innovación
tecnológica
para
laboratorio

Rafer

μTASWako

FULLY AUTOMATED IMMUNOANALYZER

i30

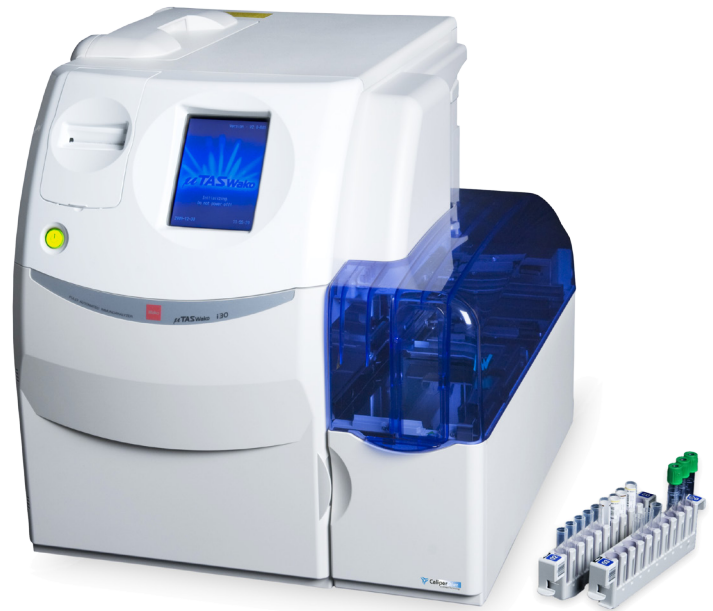
*Paving a New
Frontier in
Clinical
Chemistry*



Wako Diagnostics, a world renowned manufacturer of high-quality clinical chemistry reagents, proudly introduces μ TASWako™ i30 to the USA.

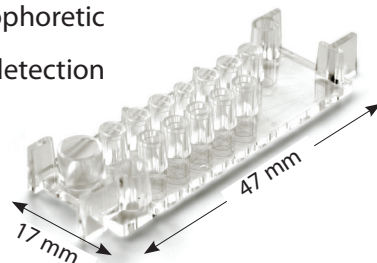
The μ TASWako i30 is a commercially available microfluidic-based clinical immunoanalyzer for *in vitro* diagnostic use in the USA.

The microfluidic technology minimizes instrument hands-on time while maximizing efficiency through integration and automation of clinical laboratory processes.



Integration, miniaturization and automation through microfluidics

- Bench-top footprint
- On-board reagent dispensing
- Miniaturized sample-reagent mixing
- Seamless electrophoretic separation and detection

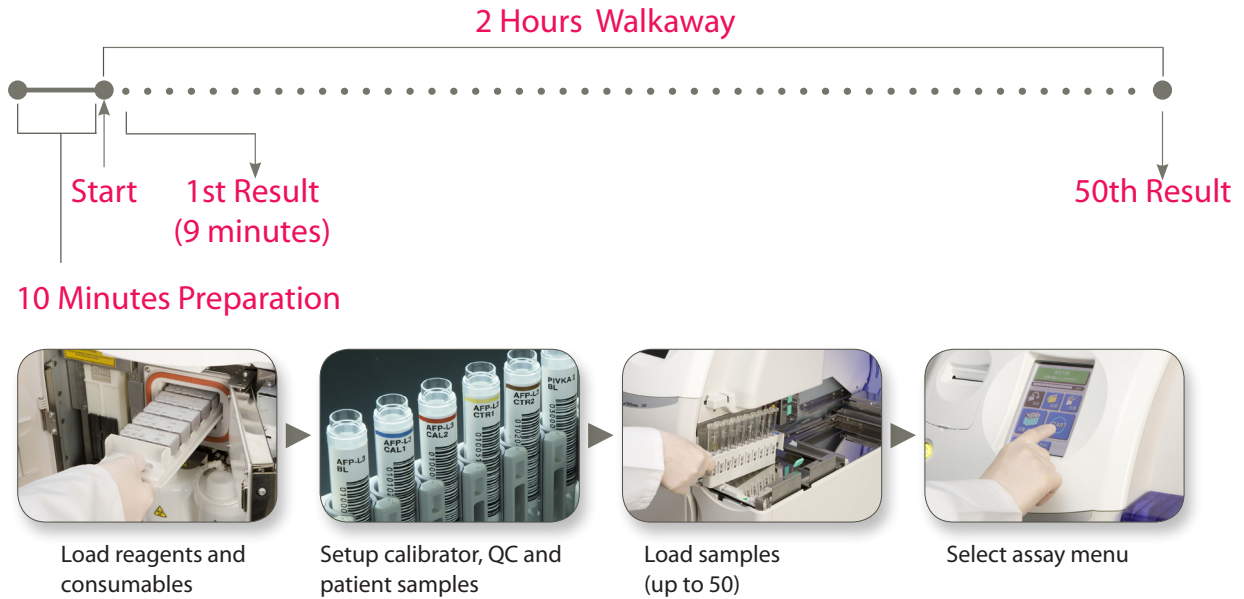


Single use disposable microfluidic chip

Performance through technology *Speed, precision and sensitivity*

- Nine minutes to first result, two minutes per subsequent result
- Throughput: 25 results per hour
- Superb analytical sensitivity
- Accurate and precise performance

Workflow



Optimized workflow design

Efficiency and productivity

- Up to six analyte measurements per sample
- Random assay selection per sample
- Short setup time – 10 minutes
- Two-hour walk away time
- Automated calibration and quality control
- STAT capability
- LIS integration capability
- RFID tag enabled reagent tracking

Easy to use

Convenience and automation

- Ready to use reagents
- Intuitive touch panel operation
- On-board refrigerated reagents
- Easy access to consumables and waste
- Minimal routine maintenance

Specifications

Throughput		25 tests/hour
Environmental conditions	Temperature	15 to 30 °C (59 to 86 °F) [operating] (Temperature change during operation: Within 2 °C)
	Humidity	30 to 80%RH (no vapor condensation)
	External light	Indoor use [below 6,000 cd/m ² (lux)]
	Altitude	Up to 2,000 m
	Transient overvoltage category	II
Power ratings	Pollution degree	2
	Ingress protection rating	IPX0 (No Protection)
	Input voltage	100 - 240 V ~
	Voltage fluctuation range	± 10%
	Frequency	50 - 60 Hz
	Phase	Single
	Rated current	4 - 1.7 A
	Type of protection against electrical shock	CLASS 1 EQUIPMENT
Operating conditions		Continuous operation available
Transportation and storage conditions		Temperature: -10 to 50 °C (14 to 122 °F) Humidity: 10 to 80 %RH (no vapor condensation)
Purified water bottle capacity		1,600 mL
Waste bottle capacity		1,600 mL
External dimensions		520 (577) (W) x 595 (D) x 546 (H) mm : (Includes chip disposal box)
Required installation space		750 (W) x 1,105 (D) x 696 (H) mm
Weight		71 kg
Generated noise	During operation	Max. 70 dB
Display		LCD (touch panel)
Printer		Thermal type (paper size: 58 mm x 25 m)
External interface	RS232C	2 ports
	LAN (Ethernet)	1 port
	USB memory	1 port

Minimum Clearance Required for Installation

Right-hand side	10 cm minimum
Left-hand side	15 cm minimum
Front	50 cm minimum
Back	0.5 cm minimum
Upper side	15 cm minimum



μTASWako i30 and its IVD reagent kits developed by Wako use Wako's proprietary LBA-EATA assay technologies and microfluidic technologies licensed from Caliper Life Sciences, Inc.

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