

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/m2 (lux)]
	Altitude	Up to 2,000 m
	Transient overvoltage category	II
	Pollution degree	2
	Ingress protection rating	IPX0 (No Protection)
Power ratings	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.

Paving a New Frontier in Clinical Chemistry



μTASWako i30  
FULLY AUTOMATED IMMUNOANALYZER

The  $\mu$ TASWako i30 is a microfluidic-based clinical immunoanalyzer, available in the United States, Canada, Europe and Asia (Japan, China, South Korea and other countries).

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

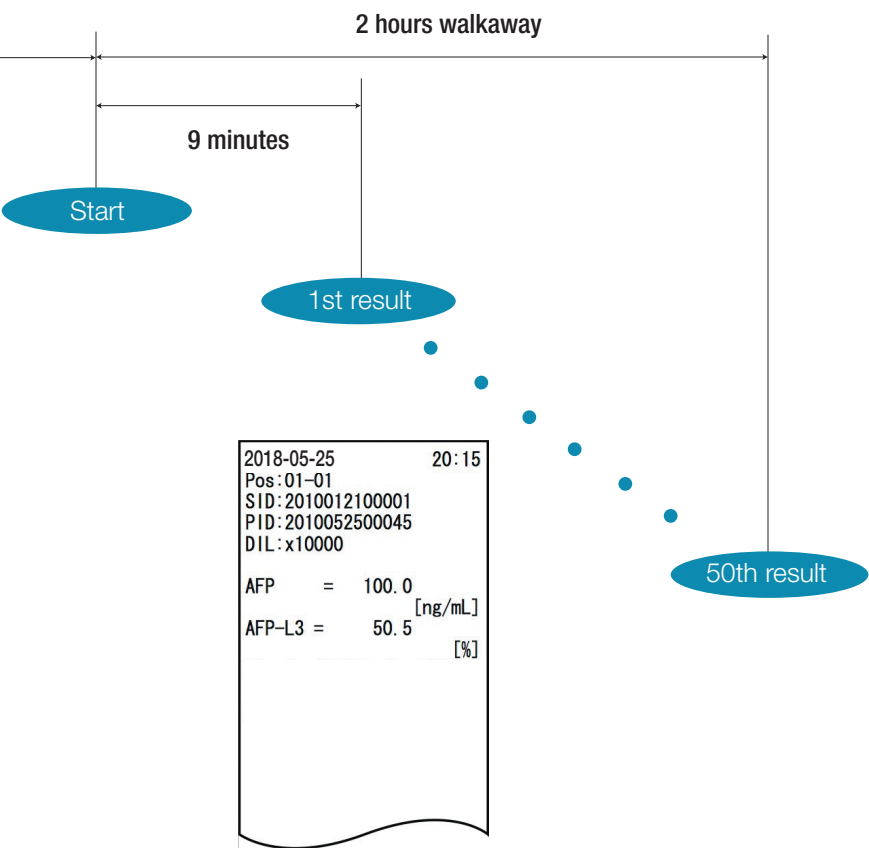
Workflow

Preparation

Load reagents and consumables

Load patient samples or calibrator/QC (up to 50)

Select assay menu



Key Features

Speed, Precision and Sensitivity

Performance through technology

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

Efficiency and Productivity

Optimized workflow design

- 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

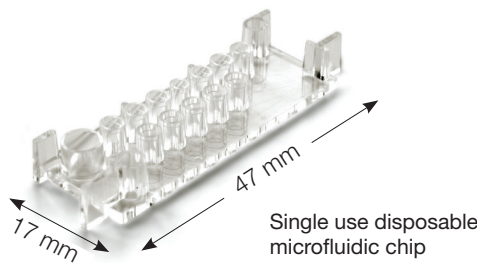
Convenience and Automation

Easy to use

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

Technology

Microfluidics enabled integration, miniaturization and automation



- Bench-top footprint
- On-board reagent dispensing
- Automated sample-reagent mixing on chip
- Seamless electrophoretic separation and detection

