

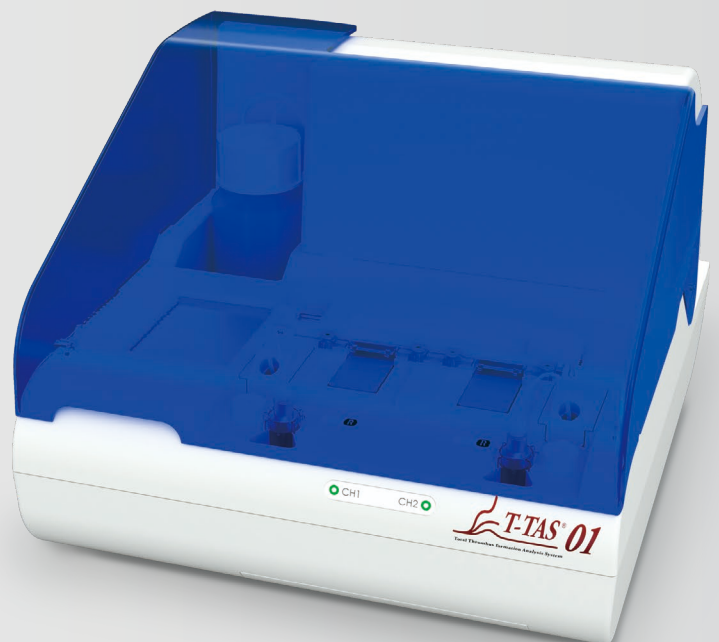
PRODUCT FEATURES

- 1 Reproducible flow chamber model of physiological flow conditions
- 2 Total thrombogenicity measured using whole blood and physiological activators
- 3 Easy-to-use, with simple on-screen instructions

T-TAS[®] 01

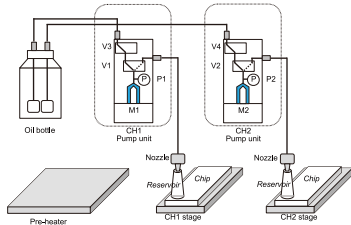
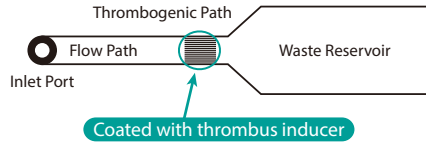
Total Thrombus formation Analysis System

T-TAS is a flow chamber system that employs disposable microchip with multiple microfluidic channels. Within the channels, blood comes into contact with physiological activator of hemostasis (collagen and/or tissue thromboplastin), mimicking an injured blood vessel inducing platelet adhesion and/or activation of coagulation pathway. Three types of chip (PL/AR/HD) with different design offers its unique applications.



T-TAS 01 MEASUREMENT PRINCIPLE

Micro capillary chip

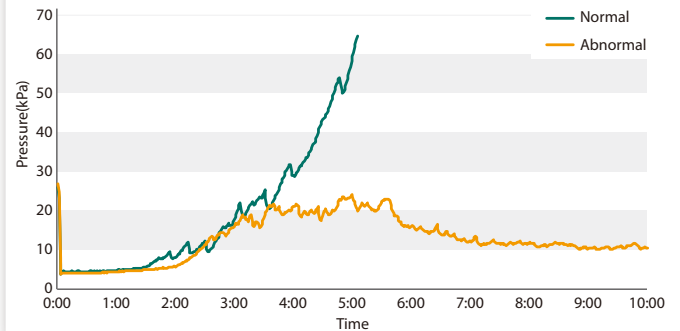


- Pump pushes blood sample through to the chip at constant flow
- Clot formed inside the chip occludes capillary and increases the pressure
- Generate result from pressure changes

T-TAS PL chip Measurement results

PL CHIP ON-SCREEN PRESSURE-TIME CURVES

With **NORMAL** primary hemostasis, platelet aggregation causes flow pressures to increase. With **ABNORMAL / DEFECTIVE** hemostasis, platelet aggregation does not substantially impair flow pressure.



PRODUCT SPECIFICATIONS

No.	ITEM	DESCRIPTION
1	Product name	T-TAS [®] 01 Total Thrombus formation Analysis System
2	Rated voltage	AC adapter: 100 to 240 VAC 50/60 Hz Instrument: DC 12 V (3.5 A)
3	Rated power consumption	42 W or less (The rated power consumption for entire system is 60 W)
4	Dimensions	320 (W) x 247 (H) x 360 (D) mm
5	Weight	6.0 kg
6	Pressure detection range	-60 kPa to 200 kPa
7	Operation temperature	20 °C to 30 °C
8	Operation humidity	20 % to 80 % No condensation
9	Operating altitude	Below 2,000 m

ORDERING INFORMATION

ITEM	CATALOG NUMBER
T-TAS 01 Total Thrombus formation Analysis System Instrument	18001
PL Chip [20 chips]	18002
PL Chip Reservoir Set [100 sets]	18003
BAPA tube (3mL) [50 tubes]	18004
AR Chip [20 chips] *	19001
HD Chip [20 chips] *	19002
AR Chip & HD Chip Reservoir set [100 sets] *	19003
CaCTI Reagent [20 assays] *	19004
Anti-Sedimentation Reagent [400 assays] *	NS0001

*: For Research Use Only

FOR ADDITIONAL INFORMATION AND TO VIEW PRODUCT VIDEOS, PLEASE VISIT WWW.T-TAS.INFO

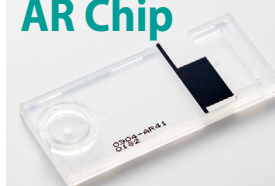


PL Chip



For the entire process of primary hemostasis

AR Chip



For the entire process of primary + secondary hemostasis

(RUO)

HD Chip



For the entire process of primary + secondary hemostasis
※ for low-platelet count patients

(RUO)

The T-TAS 01 Instrument is intended for use with T-TAS reagent chips in the clinical laboratory.

The T-TAS 01 PL chip is intended to use in the clinical laboratory for the analysis of the platelet thrombus formation process (primary hemostatic function) in patients with a history of conditions associated with impaired primary hemostatic function or use of antiplatelet therapy.

Physicians should use their clinical judgment and experience when deciding how to diagnose and treat patients and in the use of the PL Chip in the treatment of the patient. Please refer to the PL Chip Package Insert and T-TAS 01 User's Manual for full instructions on sample collection and handling, and all other test procedures.

The T-TAS 01 AR chip and HD chip are for research use only, not for use in diagnostic procedures.

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T-TAS[®]
Total Thrombus formation Analysis System