

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

Transonic: TS420 Perivascular Flow Module

RRID:SCR_024833

Type: Tool

Proper Citation

Transonic: TS420 Perivascular Flow Module (RRID:SCR_024833)

Resource Information

URL: <https://www.transonic.com/t402-t403-consoles>

Proper Citation: Transonic: TS420 Perivascular Flow Module (RRID:SCR_024833)

Description: TS420 Perivascular Flow Module with Flowprobes to fit every vessel in research models from mice to sheep and even giraffes, provides high resolution blood flow wave forms and arterial/venous flow measurements in mL/min or L/min. Gold Standard for blood flow measurement in cardiovascular research with outputs analog signals compatible with most data acquisition systems. Features plug and play set up routines to calibrate/scale/test and measure. Fit into 400-Series Instrumentation Consoles and compatible to mix and match with other 400-Series Modules. Perivascular Flowprobes are available for small and large vessel sizes, and for acute use and chronic implantation.

Synonyms: TS420 Perivascular Flow Module

Resource Type: instrument resource

Keywords: flow measurements, blood flow measurement, cardiovascular research, instrument, equipment,

Resource Name: Transonic: TS420 Perivascular Flow Module

Resource ID: SCR_024833

Alternate IDs: Model_Number_TS420

Alternate URLs: <https://www.transonic.com/t402-t403-consoles>,

Record Creation Time: 20240104T050329+0000

Record Last Update: 20260801T191305+0000

Ratings and Alerts

No rating or validation information has been found for Transonic: TS420 Perivascular Flow Module.

No alerts have been found for Transonic: TS420 Perivascular Flow Module.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Xu QJ, et al. (2026) The intrinsic cardiac nervous system is essential for cardiac function and survival. Cell.

Wang Y, et al. (2025) Involvement of Piezo 1 in inhibition of shear-induced platelet activation and arterial thrombosis by ginsenoside Rb1. British journal of pharmacology, 182(9), 1957.