

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

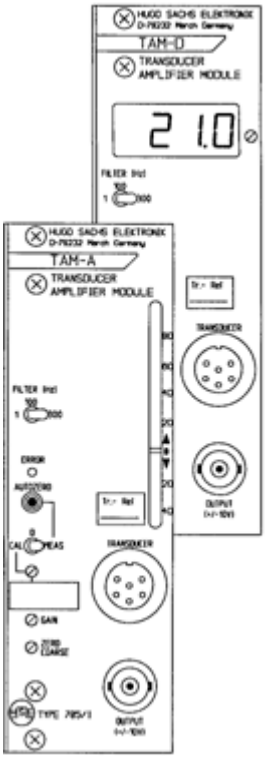
Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Harvard Apparatus / Hugo Sachs TAM-D* at our website: ***Click HERE***



Transducer Amplifier Module type

The Transducer Amplifier Module is an universal amplifier with d.c. voltage bridge supply. It is used for the measurement of mechanical variables like pressure, force, displacement etc.. using transducers based on resistive wheatstone bridge. Transducers with a built-in preamplifier which have a high level DC output voltage can also be connected. It exists in two versions, TAM-A with LED bargraph display for observing the signal dynamics, or TAM-D with digital display for displaying the mean value.

Description

Bridge supply voltage	+5V / 50 mA max
Transducer input	6 pin socket with screw lock (Binder, Amphenol Tuchel) differential input circuit, input impedance 1010 Ohm
Gain	Selectable ranges by internal jumper: 0.2 - 10, 0.4 - 20, 1 - 50, 2 - 100, 4 - 200, 10 - 500, 20 - 1000, 100 - 5000, 200 - 10000 fine adjustment trough 10-turn trimmer
Bridge balance	through 10-turn trimmer coarse adjustment and electronic autozero by push button (LED for Error if autozero is not possible)
Signal output	a) on front panel through BNC socket ± 10 V pulsatile filtered or mean signal output internally selectable b) through bus connector to PLUGSYS measuring system through links ±10V pulsatile filtered and mean signal voltage
Output low-pass filter	a) selectable by switch on front panel for pulsatile output signal: 1, 100, 300 Hz b) selectable by internal jumper for mean output signal: 0.1, 0.3 Hz
Analog indication	TAM-A LED bargraph 20 LEDs (+13/-7) for visual check on the signal sensitivity appr. 1 V/LED TAM-D 3½-digit LED display
Electrical calibration	selectable by switch on front panel a) 0 V output signal with switch in position „0“ b) positive or negative calibration output voltage adjustable with a 10-turn trimmer if switch is in position „CAL“
Power supply	+5V through connector from the PLUGSYS bus system
Dimensions	module for PLUGSYS system, width 8E (40.5 mm), height 3U (128.7 mm), depth Euroboard (220 mm)
Connector	DIN 41612, 96-pin VG
Weight	0.4 kg

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP