



## news & updates March 2026 | Issue 9

### In this issue:



# ATG1005 5MHz Function Generator



- 1MHz to 5MHz function generator
- Dedicated sync output
- Intuitive touch screen operation
- Free TestBridge control software



### CEO's Corner

Founded in the UK in 1979, Aim-TTI (originally Thurlby Thandar Instruments) quickly earned a global reputation for designing reliable, precision bench instruments for engineers, educators, and production environments. Over the decades, the company has combined thoughtful British engineering with practical innovation, delivering power supplies, signal generators, and measurement tools known for intuitive operation and long-term dependability. Today, Aim-TTI instruments are trusted worldwide for offering high performance without unnecessary complexity or cost.

The [AIM-TTI ATG1005 Touchscreen Function Generator](#) exemplifies that philosophy—an economical yet advanced waveform source that brings modern usability to the bench. Featuring a responsive color touchscreen interface, versatile waveform generation, and precise output control, the ATG1005 makes creating standard and arbitrary signals straightforward and efficient. Ideal for R&D labs, service technicians, and educational settings, it delivers the performance engineers expect from Aim-TTI at a price point that keeps projects on budget.

Alan Lowne  
CEO, Saelig Company Inc.

## What's New?

[Click here for Update](#)

## Contact Information

Voice: 585-385-1750

FAX: 585-385-1768

Sales: [sales@saelig.com](mailto:sales@saelig.com)

Tech Support: [support@saelig.com](mailto:support@saelig.com)

Quotes: [quotes@saelig.com](mailto:quotes@saelig.com)

## Promotions

[Click here for Promotional Items](#)

And

**• Innovation**

New PowerFlex 4 quadrant Source Measure Unit  
**AIM TTI SMU4000 Series**

**• Quality**

**AIM TTI TGF4000 SERIES**  
high performance programmable function/arbitrary generators with models from 40MHz to 240MHz

**• Value**

NEW: 1.3GHz and 2.7GHz handheld RF Spectrum analyzers  
**AIM TTI PSA Series 3**



The best in unique electronics since 1988

- Adapters
- Amplifiers
- Automotive
- Diagnosis
- Cables
- Components
- Converters
- Data Loggers
- DC Loads
- Embedded
- EMC Equipment
- Interconnection
- Integrated Circuits
- Logic Analyzers
- Motion Control
- Motor Control
- Multimeters
- Oscilloscopes
- Power Meters
- PCB Test
- Power Analyzers
- Power Supplies
- RF/Microwave
- Sensors
- Signal Generators
- Spectrum Analyzers
- Switches
- Test Enclosures
- USB Analyzers
- Waveform Generators




Saelig Website

**Free Shipping**  
On-line orders over \$99  
(\$5 shipping cost for AK, HI, and some products excluded)



Alan Lowne, CEO

I founded Saelig in 1988 to search the world for unique electronic control and instrumentation equipment including economical oscilloscopes, PC and RF spectrum analyzers, USB and logic analyzers, AMCA, power RF sources, DMM, data loggers, DA and DC controllers, PCB test, high-imp industrial panel PC's, EM enclosures, USB serial converter cables, etc...  
Our satisfied customers include Intel, Apple, Philips, Matsushita, NEC, TI, Harris, Sony, HP, General Dynamics, Raytheon, Chubb, many other Fortune 500 companies, military, educational institutions, hospitals, individual end-users, students, hobbyists, etc.



Visit the Saelig



Channel

Search for **Saelig Company**



- Product Reviews
- Technical Analysis
- Manufacturer Information
- Product Announcements



# Offers Free Shipping!\*

\*Free ground shipping with most orders of \$99 or more!

(U.S. domestic orders only, AK, HI and some products excluded)



The [AIM-TTI ATG1005 Touchscreen Function Generator](#) uses advanced Direct Digital Synthesis (DDS) technology to deliver high-quality, low-distortion Sine, Square and Pulse waveforms to 5MHz, and triangle waveforms to 500kHz. The ATG1005 incorporates a touchscreen interface to give users straightforward access to all functions with clear visibility of settings.

Sine, square and pulse waveforms can be generated over the full frequency range of 1mHz to 5MHz, triangle waveforms are available from 1mHz to 500kHz, all with a resolution of 9 digits and accuracy better than 10ppm. 1% to 99% variable symmetry/duty-cycle is available

for square and pulse waveforms. All waveforms can be swept from 0.1Hz to their maximum frequency in a single sweep at a rate variable between 100 milliseconds and 999 seconds. The sweep can be linear or logarithmic, single or dual slope. Sweeps can be triggered and paused from the front panel or the digital interface. Frequency Shift Keying (FSK) and Phase Shift Keying (PSK) provide coherent switching between two selected values at a user defined rate. They can be triggered from the front panel or the digital interface, either continuously or in single steps.

The [ATG1005](#)'s robust, practical design is resilient to incorrect connection due to TTI's expertise in output protection. USB control with support for SCPI commands enables seamless integration in automated test setups or for use with complimentary Aim-TTi Test Bridge software for enhanced control and scripting. A simple touch-operated GUI with customizable display options provides ultimate flexibility, since control parameters can also be adjusted using hard keys and a rotary knob.

### ATG1005 Features:

- 1mHz to 5MHz function generator
- 1mVpp-10Vpp amplitude (into 50Ω) at 1mV resolution
- Dedicated sync output
- Intuitive touch screen operation
- Linear/logarithmic sweep with single or dual slope
- Sweep and FSK/PSK modulation
- Kensington lock
- USB remote interface, SCPI compatible
- Free Test Bridge control software



The [ATG1005](#) is designed for use in educational laboratories requiring intuitive, robust instrumentation, general-purpose R&D and test environments where dependable waveform generation is essential. The compact footprint (8.4" x 9.0" x 3.9" (WxDxH)) ensures minimal bench space is needed, and a Kensington security lock slot makes the ATG1005 ideal for open-access lab environments. The direct digital synthesis design provides high performance waveforms with useful

functions and features at an affordable price. Made by AIM-TTi, one of Europe's leading test equipment manufacturers, the ATG1005 is available now from their USA technical distributor Saelig Company, Inc. Fairport, NY.

For more than 40 years, TTI has supplied education, R&D and test customers worldwide with dependable signal generation solutions. The ATG1005 builds on this legacy, bringing modern digital techniques and usability to an affordable bench instrument.

### From Analog to DDS Precision

Earlier TG-series models used traditional analog generation techniques with mechanically switched ranges. The new ATG1005 employs advanced Direct Digital Synthesis (DDS) technology to deliver:

- High-quality, low-distortion waveforms
- Fine resolution control across frequency and amplitude ranges
- Improved stability and accuracy over traditional analogue designs

### Clear and Intuitive User Interface

Even on a compact instrument, clarity is essential. The ATG1005 incorporates a touchscreen interface, giving users straightforward access to all functions with clear visibility of settings.

### Robust, Practical Design

- Resilient to incorrect connections thanks to TTI's expertise in output protection
- USB control with support for SCPI commands, enabling seamless integration into automated setups
- Compatible with Aim-TTi Test Bridge software for enhanced control and scripting
- Kensington security lock slot, ideal for open-access lab environments

### Applications

The ATG1005 is designed for use in:

- Educational laboratories requiring intuitive, robust instrumentation

- General-purpose R&D and test environments where dependable waveform generation is essential
- Production test systems with SCPI-controlled automation requirements

### Availability

The ATG1005 Touchscreen Function Generator is available now from [Saelig Company, Inc.](http://www.saelig.com)

**Check Out Our Website for Other Fine  Product Offerings**

**For Sales and Promotions, Click [Here](#).**

#### Test Equipment



#### Automotive Test



#### EMC/EMI



#### Cables



#### Components



#### Converters



#### Data Loggers



#### Displays



#### Embedded



#### RF Shielding



#### RF/Wireless



#### Ultrasonics



