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Data Sheet

August 15, 2026

3G TECH / HBS EQUIPMENT

3G Tech / HBS Equipment 700 Digital Amp / Time Meter

3G Tech / HBS Equipment 700 Digital Amp / Time Meter This listing is a catalog accessory or spare in the 3G Tech / HBS Equipment catalog. Public OEM literature for this exact SKU does not publish a dense numeric performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate. Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU. No invented electrical performance numbers Use with the parent instrument or chassis named in the title when applicable Documented as thin because OEM numeric tables are not public Catalog Title: 3G Tech / HBS Equipment 700 Digital Amp / Time Meter



MODEL

**3G Tech / HBS
Equipment 700**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

700

LISTING

<https://aumictechlabs.com/products/700-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The 3G Tech / HBS Equipment 700 is a digital amplifier and time meter that measures current via external shunt monitoring and counts down pre-selected AMP-HOURS or AMP-MINUTES intervals. The instrument accumulates total AMP-HOURS or AMP-MINUTES and signals cycle completion through two programmable Form C relays. A bright six-digit LED display provides real-time readout of current and accumulated values. High-resolution analog-to-digital conversion with

input filtering ensures accurate shunt signal processing. Non-volatile EEPROM memory preserves accumulated counts during power loss, provided power has been applied for a minimum of 5 seconds before shutdown.

Technical Specifications

Display: Six-digit LED

Current Measurement: External shunt monitoring

Measurement Modes: Countdown (AMP-HOURS or AMP-MINUTES) and accumulation of total AMP-HOURS or AMP-MINUTES

Relays: Two Form C relays, programmable for control and monitoring

Input Impedance: High impedance shunt input

Signal Processing: High-resolution A/D converter with input filtering

Memory: EEPROM parameter storage with non-volatile data retention

Control Inputs: Pins 1 & 2 (power), Pin 3 (input signal), Pin 4 (reset, resettable models only)

Key Features

- Programmable countdown timer for amp-hour or amp-minute cycles
- Dual-mode accumulation tracks both cycle and total consumption
- High-impedance shunt input for direct current measurement
- AC/DC and DC Only operating models available
- Resettable configuration option with software-controlled memory clearing
- Minimum signal duration: 0.5 seconds (AC/DC) or 1 millisecond (DC Only)
- Reset signal duration requirement: Minimum 0.5 seconds after 5-second power stabilization
- Data persistence: Accumulated values retained in non-volatile memory

Typical Applications

Industrial cycle monitoring, current accumulation tracking, electrochemical processes, battery testing, and time-dependent current-consuming operations requiring programmable relay actuation and data logging.

Compatibility & Integration

Designed for external shunt-based current measurement systems. Two Form C relay outputs accommodate diverse control architectures. Pin-configurable inputs support both AC/DC and DC-only power supplies and signal processing requirements.

700 Characteristics / Specifications

PARAMETER	VALUE
Model	700
Brand	3G Tech / HBS Equipment
Catalog Title	3G Tech / HBS Equipment 700 Digital Amp / Time Meter
Sku	700
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	700
Manufacturer Line	3G Tech / HBS Equipment
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	700
Brand	3G Tech / HBS Equipment
Catalog Title	3G Tech / HBS Equipment 700 Digital Amp / Time Meter
Sku	700
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	700
Manufacturer Line	3G Tech / HBS Equipment
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.