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Data Sheet

August 15, 2026

BAKER HUGHES / PANAMETRICS

Baker Hughes / Panametrics 703-1250 Controller Board

The Baker Hughes / Panametrics 703-1250 is a controller board designed for industrial applications. It provides reliable control and monitoring functions, ensuring optimal performance and efficiency in various industrial processes.



MODEL

**Baker Hughes /
Panametrics 703-
1250**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

703-1250

LISTING

<https://aumictechlabs.com/products/703-1250-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Baker Hughes / Panametrics 703-1250 Controller Board is the central processing unit for the Moisture Image Series 1 analyzer, delivering real-time measurement and control across one to six independent channels. This controller board integrates moisture and oxygen analysis in liquids and gases with simultaneous monitoring of pressure, temperature, and auxiliary sensor inputs, making it suitable for demanding industrial process control applications. Technical Specifications Measurement Channels: 1 to 6 simultaneous channels Moisture Resolution: 16-bit Measurement Parameters: Moisture in liquids and gases; oxygen concentration in gases; pressure; temperature; auxiliary inputs (0/4–20 mA or 0–4 V sources) Display: Large backlit LCD with matrix and line-graph visualization formats Probe Compatibility: MISP, TF, and M Series type moisture probes

Probe Cable Distance: Up to 915 m (3000 feet) using 22 AWG twisted pair cable
Terminal Connections: M3 screw terminals on terminal board; 0.5 N·m tightening torque; accepts stripped and crimped conductors
Cabling Requirements: Copper conductors with 60/75 °C insulation; twisted and shielded cables recommended for non-power connections; individual cable gauges and lengths per connection type (0.35–1 mm², 3–5 m compensated lengths)
Key Features
Windows-compatible software interface (PanaView) supports PC-based data logging, retrieval, archiving, and real-time trending
Multiple communication protocols: PanaLink and IDM protocols
Instrument interfaces via RS232, RS485, TCP/IP, IrDA, and IR232
Menu-driven function keys with point-and-click graphical control
Real-time data visualization and historical graph generation
Compatibility & Integration
PanaView software compatible with Windows 98 SE, NT 4.0 SP 6+, ME, 2000, and XP
Minimum PC requirements: 64 MB RAM, 300 MHz Pentium CPU; Internet Explorer 5.0 or higher recommended
Oxygen cell ranges: 0–1/10/100 ppmv or 0–0.5/5/50 ppmv with cable distances up to 90 m

7031250 Characteristics / Specifications

PARAMETER	VALUE
Model	703-1250
Instrument Type	controller board
Manufacturer	Baker Hughes / Panametrics
Literature	remaining-queue listing Baker Hughes / Panametrics 703-1250 Controller Board
Family	Panametrics / Baker Hughes 703 controller boards
Form Factor	as installed per drawing
System Role	process control in Panametrics instruments that specify 703-1250
Brand Lineage	Baker Hughes / Panametrics
Queue Title	Baker Hughes / Panametrics 703-1250 Controller Board
Documentation Type	OEM remaining-queue listing
Use Case	process control in Panametrics instruments that specify 703-1250
Vendor Path	Baker Hughes / Panametrics
Year Class	703-1250 generation
Application Class	controller board
Module Class	controller board
Host Class	host on the drawing
Connector Class	connectors on the drawing
Ate Class	industrial / lab ATE class
Control Class	front panel / firmware on the drawing
Environment Class	ambient on the nameplate
Voltage Class	volts on the nameplate
Current Class	amperes on the nameplate
Config	703-1250 remaining-queue suffix
Function Class	function on the drawing
Controller Role	Panametrics controller board

PARAMETER	VALUE
Lineage	Baker Hughes / Panametrics

7031250 Specifications

PARAMETER	VALUE
Applications	process control in Panametrics instruments that specify 703-1250 in systems that specify 703-1250.
Key Features	Baker Hughes / Panametrics 703-1250
controller board	Panametrics / Baker Hughes 703 controller boards
Technical Specifications	Model: 703-1250
Notes	From remaining-queue title (Baker Hughes / Panametrics 703-1250 Controller Board). I/O map is on the 703-1250 drawing.

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.

Specifications	
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PARAMETER

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Baker Hughes / Panametrics

Notes

From remaining-queue title (Baker Hughes / Panametrics 703-1250 Controller Board). I/O map is on the 703-1250 drawing.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.