

M4030 TEMPERATURE CONTROLLER



- Accurate, reliable, and repeatable temperature monitoring, control, and recording.
- Advanced *Grace Instrument* software, complimentary with each device.
- Digital display with easy to program buttons.
- Simple on/off heater switch to start/stop heating.
- K Type thermocouple (sold separately) accurately measures temperature reading.
- RS-485 data port easily gathers data on temperature.
- SI temperature unit (°F or °C) and data recording interval(s) settings.
- Data recording, graphing, and export of temperature data.
- Stainless-steel body and durable construction.
- Lightweight, compact benchtop size and clean design.
- AC adapter plug accommodates for international power use.
- Compatible with *Grace Instrument* M1750 Roller Oven, Filter Presses (via heating jacket), or Heater Cups
- Complimentary 1-year warranty. Optional extended warranties also available.
- ISO 9001:2015 certified.

PRODUCT DESCRIPTION

Accurately and Reliably Monitors, Controls, and Records Temperature

The *Grace Instrument M4030 Temperature Controller* accurately and reliably monitors, controls, and records temperature of *Grace Instrument* heating equipment with repeatable results. Using type K thermocouples (sold separately), the *M4030* is extremely useful for heating process applications and testing. Monitor temperature from the comfort of your own PC—device conveniently connects select instruments to your PC via COM port.

Advanced, Complimentary *Grace Instrument* Software

Grace Instrument M4030 Temperature Controller software is included **free** with each unit. This intuitive, user-friendly software accurately records results to any standard Windows desktop or laptop, simplifying the temperature monitoring process. Users can choose between SI temperature units (°F or °C), set data recording interval (s), control temperature settings, and automatically perform data recording, including graphing and export of temperature data.

Conveniently Compatible with *Grace Instrument* Heating Equipment

Compatible with several heating instruments in the *Grace Instrument* product line, the *M4030* can connect to the *M1750 Roller Oven* (select configurations), the *M4050*, *M4070*, *M4075*, or *M4090 HP/HT Filter Press* (via heating jacket), or the *M3410* or *M3610* heater cup to monitor heat ramping processes.

Lightweight, Compact Benchtop Size and Clean Design

Lightweight, compact device can be placed on a benchtop, maximizing laboratory space, and can easily be moved from lab to lab. Clean, minimal design complements any testing environment.

Stainless-Steel, Durable Construction

Solid-steel body and durable construction ensures the unit lasts.

The *Grace Instrument* Quality Promise

The *M4030* is a reliable, long-lasting testing device featuring technology successfully used by laboratories and large corporations worldwide.

Custom specifications and other solutions are also available! Contact *Grace Instrument* to learn more. Our team is readily available to answer any questions and guide you to the ideal custom solution for your testing needs.

Complimentary 1-year warranty included with each device. Optional extended warranties also available.

Grace Instrument is an ISO 9001:2015 certified company.

SPECIFICATIONS

Temperature Range	Ambient to 1,200°F (~649°C)
Thermocouple Type Input	Type K (Thermocouple Sold Separately)
Universal Thermocouple Jack	Compatible with miniature and standard male thermocouple (sold separately) connectors.
Data Port	RS-485 (USB)
Voltage	120 to 240V AC
Frequency	50-60 Hz
Power	15 W
Amperage	15 A
Construction	Stainless-Steel
Dimensions	5"W x 8"D x 3.5"H
Weight	5 lbs.
Compatibility	<ul style="list-style-type: none">• Grace Instrument M1750 Roller Oven (Select Configurations)• Grace Instrument M4050, M4070, M4075, or M4090 HP/HT Filter Press (Via Heating Jacket)• Grace Instrument M3410 or M3610 Heater Cup
Warranty	1-Year (Optional extended warranties also available.)
Included Accessories	Serial RS-485 to USB Converter

Looking for more? Many other sizes, configurations, finishes, and custom specifications are available! Contact Grace Instrument today for details:

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