Elemental Scientific

analab® Regulators

Remote temperature control for Analab devices

Analab Regulators are designed to provide controlled and continuous power to Analab devices that require regulated heating for their operation. Options from basic plug-and-play model with a timer to a fully programmable model with multiple temperature steps, they provide the level of control required for multiple applications with the following Analab devices:

FluoroPlate

FluoroBloc

EvapoClean

CleanAcids

Features & Capabilities

- Designed for remote placement, outside of the corrosive atmosphere of a hood
- Direct temperature readout from regulator display
- Single temperature setpoint with timer shutdown model for basic heating & digestion requirements
- Programmable with multiple setpoints for more advanced heating conditions
- Dual controller regulators for combination of heating and external temperature probe readout/control

Safety

- Protected against unintended start
- Automatic cut-off if temperature exceeds 10°C of setpoint
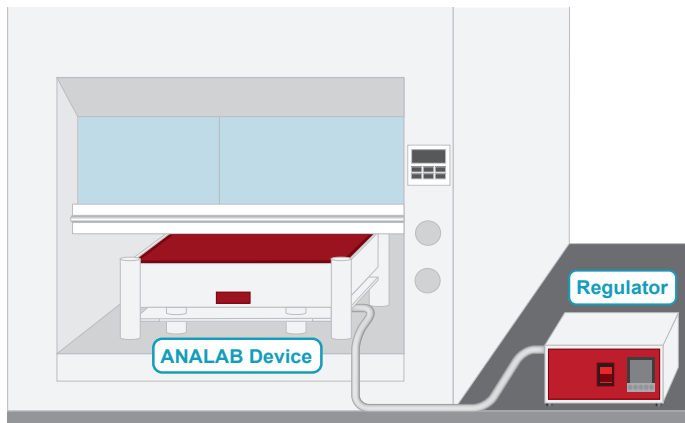- Maximum temperature for each regulator

Analab Regulators

External Location
- 1.7 m (5.5') PTFE-shielded control cable
- Allows regulator to be located outside hood to eliminate corrosion
- 110V or 208-240V supply

Control
- +2°C control up to 250°C maximum
- Multiple alarms for maximum safety
- Non-programmable with timer shutoff
- Programable version with multiple temperature steps

Regulator

ANALAB Device

Single Controller Regulator
- Provides heating control for one ANALAB device
- Temperature readout from device

Dual Controller Regulator
- Provides heating control for one ANALAB device
- Temperature readout from device
- Temperature readout from external probe or control from external probe

Single Controller Regulators

Choose the regulator below to match your Analab device and the available power supply:

Model	Timer	Programmable	Electrical Requirement	NEMA Plug
RNP-1V-15A-T	✓		110V/15A	5-15P
RNP-1V-20A-T	✓		110V/20A	5-20P
RNP-2V-15A-T	✓		208-240V/15A	6-15P
RNP-2V-20A-T	✓		208-240V/20A	6-20P
RP-1V-15A		✓	110V/15A	5-15P
RP-1V-20A		✓	110V/20A	5-20P
RP-2V-15A		✓	208-240V/15A	6-15P
RP-2V-20A		✓	208-240V/20A	6-20P

Programmable Regulator

Non-programmable Regulator with Timer

Dual Controller Regulators

These dual controller regulator models are selected when use of an external temperature probe is critical to the operation of your Analab device. Equipped with timer or fully programmable control, these units provide both display temperature and control heating from the remote probe. They also operate as a single controller, with temperature feedback directly from the Analab device.

- Temperature Probes for remote sensing in liquids (FluoroBloc, FluoroPlate) and vapor phase (EvapoClean, CleanAcids) available in 15, 27, and 45 cm lengths

Model	Timer	Programmable	Electrical Requirement	NEMA Plug
RNP-DUAL-1V-15A	✓		110V/15A	5-15P
RNP-DUAL-2V-20A	✓		208-240V/20A	6-20P
RP-DUAL-1V-15A		✓	110V/15A	5-15P
RP-DUAL-2V-20A		✓	208-240V/20A	6-20P

Programmable Dual Controller Regulator

ANALAB
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Contact **fluorobloc@icpms.com** for inquiries
Visit **www.meinhard.com/digest** for additional information