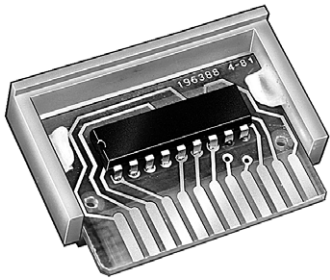


# Programming Modules

## PM720 Programming Module



### Provides Sequencing Control for the BC7000.

- Plug-in program module for use with the BC7000L Microcomputer Burner Control.
- Determines Burner Sequence timings and features.
- Safe-start check.

**AirFlow Check:** User selectable

**Frequency:** 60 Hz

**Approvals:**

**Canadian Standards Association:** —

**Factory Mutual:** Reference BC7000

**Required Components:** Works with BC7000

Product Number	Early Spark Termination	Flame Establishing Period		Interlocks	Pilot Type	Pre-Purge	Pre-ignition	Post-Purge	Comments
		Main	Pilot						
PM720G2005	Yes, 5 sec	30 sec, 10 sec	10 sec	Pre-ignition, Running, and Low Fire	interrupted	40 sec.	Yes	15 sec	—
PM720G2013	Yes, 5 sec	10 sec	10 sec	Pre-ignition, Running, and Low Fire	interrupted	40 sec.	Yes	15 sec	—
PM720L1030	Yes, 5 sec	15 sec, 10 sec	10 sec	Pre-ignition, Lockout, Low Fire and High Fire	interrupted	30 sec.	Yes	15 sec	—
PM720L2004	Yes, 5 sec	10 sec, 5 sec	10 sec	Pre-ignition, Lockout, Low Fire and High Fire	interrupted	30 sec.	Yes	15 sec	Energy Saving Sequence
PM720L2012	Yes, 5 sec	15 sec, 10 sec	10 sec	Pre-ignition, Lockout, Low Fire and High Fire	interrupted	30 sec.	Yes	15 sec	—
PM720L2020	Yes, 5 sec	15 sec, 10 sec	10 sec	Pre-ignition, Lockout, Low Fire and High Fire	interrupted	10 sec.	Yes	15 sec	—
PM720M2002	Yes, 5 sec	10 sec	10 sec	Pre-ignition, Running, and Low Fire	interrupted	30 sec, 90 sec	Yes	15 sec	—
PM720M2036	Yes, 5 sec	10 sec	10 sec	Pre-ignition and Running	interrupted	30 sec., 7 sec	Yes	15 sec	—

## Programmer Control Accessories

OS Number	Description
124731D	Terminal Strip, center
129410	Motor, Synchronized
197446	Fault Code Label
199037B	Terminal Board Assembly
202050C	Cover with Reset Button
4074BZU	Bag Assembly incl. Adaptor, Cover Inset, 2 Plugs and #8-32 Screw

## Q520 Subbase and Service Tool

**Dimensions, Approximate:** 6 5/32 in. high, 7 1/16 in. wide, 1 3/4 in. deep (156 mm high, 179 mm wide, 45 mm deep)

Product Number	Comments
Q520A1089	Includes 20 terminals
Q520A1121	Includes 20 terminals
Q520E1002	For burner system testing of most R4140 and BC7000. External terminal box connected to Q520E by 3 ft (0.9 m) cable with pin jacks corresponding to terminals on programmer.