

CONTROLLERS EMControl™ Position Controller Plug-in Card Model 7006-001

ETS-Lindgren's EMControl™ Position Controller Plug-in Card Model 7006-001 is a plug-in card for our EMCenter Modular RF Platform that enables the user to synchronize simultaneous movement of two ETS-Lindgren positioning devices (for example, towers or turntables) and On/Off operation of an additional auxiliary device (LISN, EUT, etc.).



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Key Features

- Controls up to Two (2) ETS-Lindgren Positioners
- 1 Plus 2 Auxiliary Devices Manual & Software Control
- Accurate Seek & Scan
- Variable Speed Control

Features

Multiple Device Control

Using one slot in the EMCenter™ Modular RF Test Platform, the EMControl is a modular plug-in card providing a complete solution for automating positioner operation. Each EMControl modular plug-in card is capable of controlling two primary positioners. For applications with more than two positioners, additional EMControl cards can be added to the EMCenter.

Local/Remote Operation

Operation of positioning devices can be performed manually through front panel controls on the EMCenter touchscreen interface. Featuring an ETS-Lindgren Model 2090 compatible command set, EMControl is fully supported by TILE!™ and other test automation software packages via RS-232, LAN, USB, or IEEE-488.

Accurate Variable Speed Positioner Control

The EMControl allows a target location to be entered manually or under software control to redirect the device from its current location to another position. The EMControl incorporates advanced acceleration and deceleration algorithms required to accurately control variable, high speed drives.

Compatibility

EMControl is fully compatible with ETS-Lindgren positioners.

Specifications

Physical Specifications

Model	7006-001 Plug-in Module Feature
Control	Manual and/or Software Controllable
Linear Resolution	0.1 mm
Rotation Resolution	0.1°
Form Factor	Occupies One Slot of EMCenter
Fiber Optic I/O	6 Each (2 per Positioner + Auxiliary)

Other Specifications

- EMControl Positioner Control Plug-in Card Model 7006-001