

*RF Test Solutions*  
**EMControl**<sup>™</sup>  
**Positioner Controller  
Plug-in Card**

Model 7006-01

**Features:**

- Controls up to 2 ETS-Lindgren Positioners\*  
Plus 2 Auxiliary Devices
- Manual & Software Control
- Accurate Seek & Scan
- Variable Speed Control
- Compatible Command Set for  
ETS-Lindgren's Model 2090 Controller



*ETS-Lindgren's EMControl  
Positioner Controller Plug-in Card*

**ETS-LINDGREN'S EMControl** is a versatile positioner controller which enables the user to synchronize simultaneous movement of two ETS-Lindgren positioning devices (for example, towers and turntables) and On/Off operation of an additional auxiliary device (LISN, EUT, etc.)

**FEATURES**

**Multiple Device Control**

Using one slot in the EMCenter<sup>™</sup> Modular RF Test Platform, the EMControl is a plug-in card providing a complete solution for automating positioner operation.

Each EMControl 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 or under software control.

Featuring an ETS-Lindgren Model 2090 compatible command set, EMControl is fully supported by TILE!<sup>™</sup> and other test automation software packages via RS-232, LAN, USB, or optional 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 also incorporates advanced acceleration and deceleration algorithms required to accurately control variable, high speed drives.

**Compatibility**

EMControl is fully compatible with ETS-Lindgren positioners.\*

**Auxiliary Control**

Two additional fiber optic ports are available to remotely control open and close contacts on auxiliary devices (LISN, EUT, etc.).

\* For towers and turntables manufactured by ETS-Lindgren in 2005 or later. Call ETS-Lindgren to confirm serial number.

**STANDARD CONFIGURATION**

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

**OPTIONS**

- EMCenter Modular RF Platform Model 7000-001 (Required for Operation)
- EMCenter 7-Slot RF System + IEEE-488 (GPIB) (Model 7000-010)
- 2 m Fiber Optic Cable

**Performance Specifications**

MODEL FEATURE	7006-001 (Plug-in Card)
Control	Manual and/or Software Controllable
Linear Resolution	0.1 cm
Rotation Resolution	0.1°
Form Factor	Occupies One Slot Of EMCenter
Fiber Optic I/O	6 Each (2 per Positioner + 2 Aux.)