

5241

POWER AMPLIFIER

DESCRIPTION

The Model 5241 is a voltage-controlled power amplifier designed exclusively for Magtrol's Model HD-825 Hysteresis Dynamometer. Because of its double braking system, the HD-825 requires more than 4 amps of power in order to reach full torque. The 5241 (which can provide up to 5 amps of output current) is necessary in order to amplify the power between a 6200 or DSP7000 Controller (which both have a maximum current output of 1 amp) and the HD-825 Dynamometer.

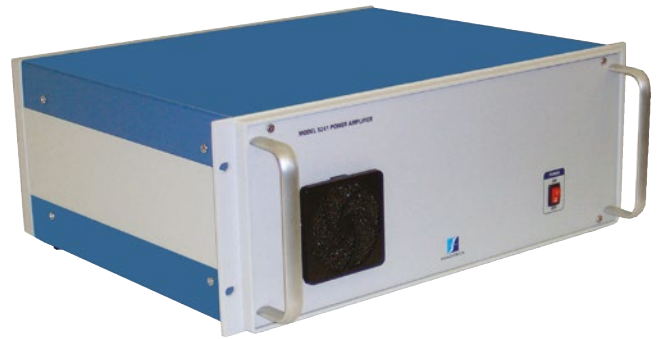


Fig.1 : 5241 Power Amplifier

ORDERING INFORMATION

If the HD-825 is purchased without a dynamometer controller, please inform Magtrol of your controller model—as it may be necessary to modify your existing controller so that it functions properly with the 5241 Power Amplifier.

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
Current Output	0 to 5 A DC
Control Input	0 to +3 V DC or 0 to -10 V DC
Fuses (5 × 20 mm)	Brake: UL/CSA 6.3 A 125 V SB
	IEC 5 A 250 V T
	Power (120 V): UL/CSA 3 A 250 V SB
	Power (240 V): IEC 1.25 A 250 V T
Power Requirements	330 VA
Voltage Requirements	120/240 V 60/50 Hz

DIMENSIONS		
	in	mm
Width	19.00	483
Height	7.00	133
Depth	14.74	375
with handles	16.38	416
Weight	29.66 lb	13.45 kg

SYSTEM CONFIGURATION

