

5500/5501

MANUAL DYNAMOMETER SWITCH BOX

DESCRIPTION

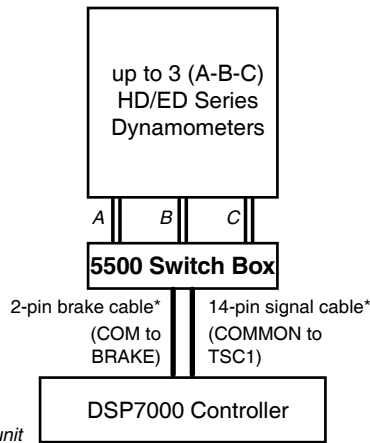
Magtrol Models 5500 and 5501 are manually-operated switch boxes that permit the connection of up to three Magtrol Dynamometers to a single dynamometer controller. Use of the switch boxes facilitates quick and easy interfacing of multiple dynamometers without the necessity of disconnecting and reconnecting the brake and control cables. For Magtrol WB Eddy-current or PB Powder Brake Dynamometers, BOTH a 5500 AND a 5501 Switch Box are necessary. Magtrol HD or ED Hysteresis Dynamometers only require the 5500



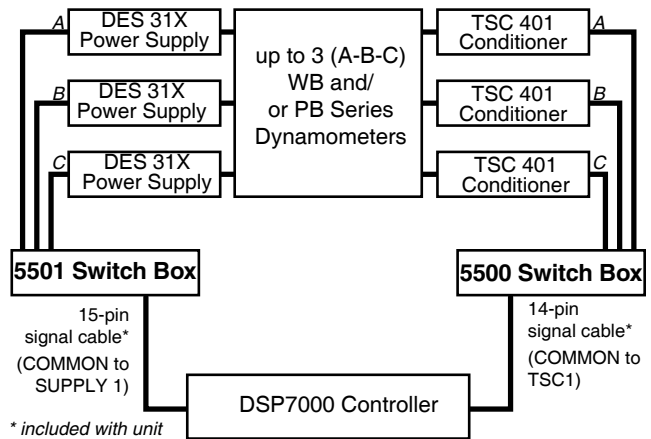
Fig.1 : 5500 Manual Dynamometer Switch Box

CONFIGURATION

5500 CONFIGURATION



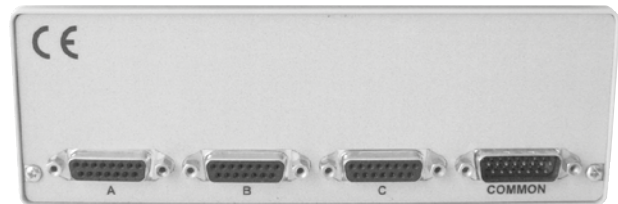
5501 CONFIGURATION



5500 REAR PANEL



5501 REAR PANEL



SPECIFICATIONS

CONNECTION

| MODEL | INCLUDED CABLE(S) | DSP CONNECTION |
|-------|---------------------|-----------------------------|
| 5500 | 2-pin brake cable | To Brake Input (HD/ED only) |
| | 14-pin signal cable | To TSC1 Connector |
| 5501 | 15-pin signal cable | To Supply 1 Connector |

DIMENSIONS

| | | |
|--------|---------|--------|
| Width | 7.50 in | 190 mm |
| Depth | 9.75 in | 245 mm |
| Height | 2.75 in | 69 mm |

ORDERING INFORMATION

| DYNAMOMETER TYPE | SWITCH BOX |
|------------------|---------------|
| HD/ED Hysteresis | 5500 only |
| WB Eddy-current | 5501 and 5500 |
| PB Powder | 5501 and 5500 |

