



MANUAL LOADING STATION MODEL 505000

The Model 505000 is designed for use in general-purpose instrumentation applications where temporary manual control of field apparatus is required. This instrument features a front panel loop "Break-In" switch and two L.E.D. indicators. The green L.E.D. annunciator indicates the power is applied to the instrument, and the input loop is passing through the instrument. With the front panel switch in the manual position, the red L.E.D. indicates the 505000 is supplying the output loop and is controlled by the front panel dial. The instrument is supplied in an all-steel housing for use in plant as well as control room applications. The 505000 is a very rugged instrument and should be used where long life and durability are important.

MANUAL LOADING STATION AND LOOP GENERATOR



TECHNICAL SPECIFICATIONS

MANUAL CONTROL KNOB:

Adjustable 0-100%

OUTPUT RANGES:

4-20MADC 1200 ohms Max. Load
10-50MADC 400 ohms Max. Load
1-5VDC @ 250 ohms
0-5VDC @ 250 ohms
0-1 VDC @ 50 ohms;
0-10VDC @ 500 ohms

ACCURACY:

0.5% F.S. (0.25% Optional)

INDICATORS:

Red L.E.D. Power Manual
Green L.E.D. Loop Normal

AMBIENT TEMPERA TURE:

0 to 140° F (Operating)
-20 to 150° F (Storage)

OUTPUT STABILITY:

+/- 0.02%/OF at 25°C

OUTPUT RIPPLE:

3.0 MV RMS

OPERATING POWER:

117VAC +/- 10% 50/60Hz
230VAC Optional
5.2Watts Maximum

SHIPPING WEIGHT:

5 lbs. Packed for Shipment

SIZE:

3" Wide, 5.5" High, 4.31 " Depth

OPTIONS

A. C. Line Cord
Red and Black Test Leads
In-Panel Adapter
Special Output Ranges

FEATURES

Loop Fault Indicator
16 ga. Steel Case
Power Indicator
1/2" Conduit Openings

APPLICATIONS

Valve Controller
Loop Generator
Bench Tester
Loop Fault Detector