

1000 SERIES XY RECORDERS

Replaces Houston Instrument OMNIGRAPHIC 2000®

Switchable Inch/Cm Calibration

DESCRIPTION

The Plotamatic® 1000 Recorders are a family of analog servo drive-instruments which use 11 x 17 inch and DIN A-3 charts. Very versatile XY recorders can be made up by selecting multi-sensitivity input modules while dedicated (OEM) units can be specified by using modules with fewer features and sensitivity(ies) to match the signals which are to be recorded. Select multirange modules for inch/centimeter calibration switch feature. Vacuum or Electrostatic Chart Hold is available. Pens are disposable fiber tip.

INPUT MODULE 1

This module plugged into the X axis of the recorder provides the greatest recording versatility by providing a built in time base. When coupled with Module 2, both axes have full sensitivity capability. 1000 Series modules are interchangeable between X and Y axes.

1000 Series Modules		
SIGNAL INPUT	SENSITIVITIES	TIME BASE RANGES
Module 1	1, 2, 5, 10, 20, 50, 100, 200, 500, 1000, 2000 mV/inch and VARIABLE GAIN 0.5, 1, 2.5, 5, 10, 25, 50, 100, 250, 500, 1000 mV/cm and VARIABLE GAIN	0.5, 1, 2, 5, 10, 20, 50, 100, 200, 500, 1000 sec/in 0.25, 0.5, 1, 2.5, 5, 10, 25, 50, 100, 250, 500 sec/cm
Module 2	1, 2, 5, 10, 20, 50, 100, 200, 500, 1000, 2000 mV/inch and VARIABLE GAIN 0.5, 1, 2.5, 5, 10, 25, 50, 100, 250, 500, 1000 mV/cm and VARIABLE GAIN	none
Module 2B	Adds a panel trim control for optional bridge power supply to Module 2	none
Module 3	1, 2, 5, 10, 20, 50, 100, 200, 500, 1000, 2000 mV/inch 0.5, 1, 2.5, 5, 10, 25, 50, 100, 250, 500, 1000 mV/cm; Servo STANDBY	0.5, 1, 2, 5, 10, 20, 50, 100, 200, 500, 1000 sec/in 0.25, 0.5, 1, 2.5, 5, 10, 25, 50, 100, 250, 500 sec/cm
Module 4	1 FIXED: from 1 mV/inch to 10 V/inch or 0.5 mV/cm to 5 v/cm; Servo STANDBY	none
Module 5	1 FIXED: from 1 mV/inch to 10 V/inch or 0.5 mV/cm to 5 v/cm;	none
Module 6	0.5, 1, 2 V/ inch	none
Module 7	Half Scale/Full Scale	none
Module 10	none	3, 6, 12, 15, 24, 30, 60, 120, 300, 600 minutes/full scale
Module H1	1 FIXED: from 1 mV/inch to 10 V/inch or 0.5 mV/cm to 5 v/cm; with in/cm switch	none
Module H2	Variable from 1 mV/inch to 2 V/inch (0.5 mV/cm to 1 V/cm)	none
Module H3	1, 10, 100mv; 1, 10 V/inch and 0.5, 5, 50, 500 mV; 5 V/cm and VARIABLE GAIN	none
Module H4	1, 10, 100mv; 1, 10 V/inch and 0.5, 5, 50, 500 mV; 5 V/cm and VARIABLE GAIN	0.5, 1, 2, 5, 10, 20, 50, 100, 200, 500, 1000 sec/in 0.25, 0.5, 1, 2.5, 5, 10, 25, 50, 100, 250, 500 sec/cm



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