

ANNOUNCING THE LATEST DEVELOPMENT
IN THE GRAPHIC PRESENTATION OF
DIGITAL OR ANALOG DATA...THE NEW

LIBRASCOPE[®] X·Y PLOTTER MODEL 210

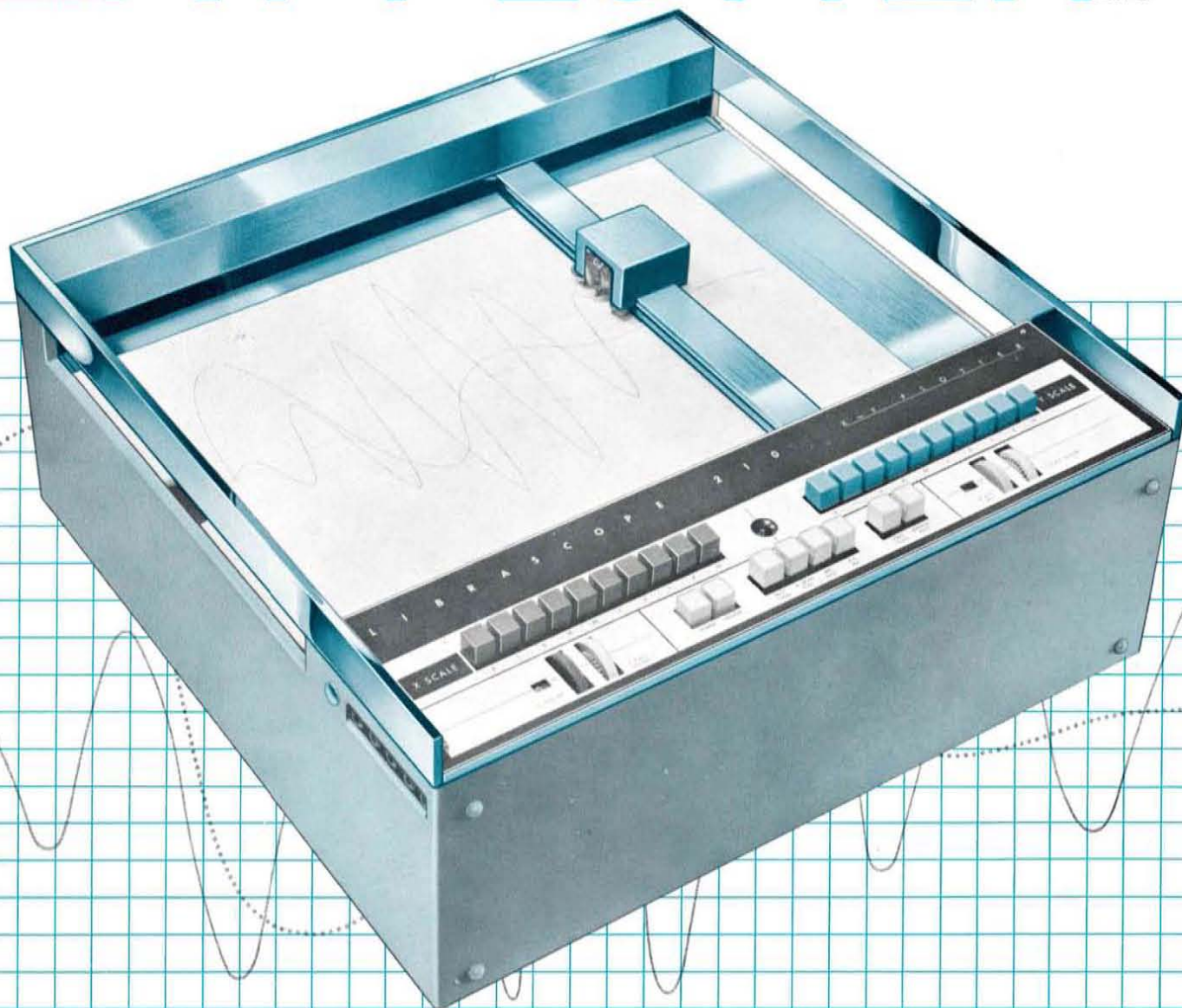
DESIGNED FOR CONVENIENCE ■ From extensive field research... personally conducted by Librascope Engineers... evolved the advanced operational features of Model 210 ■ push button controls ■ multiple symbol printing head ■ reliable ink feed system ■ flat vacuum platen... *plus a removable modular control section for added versatility.* ■ Finally, in a dual effort with top industrial designers, these same Librascope Engineers produced an instrument which is both attractive and unusually compact. The over-all result is an X-Y plotter *explicitly* designed to deliver accurate problem analysis *and* customer convenience.



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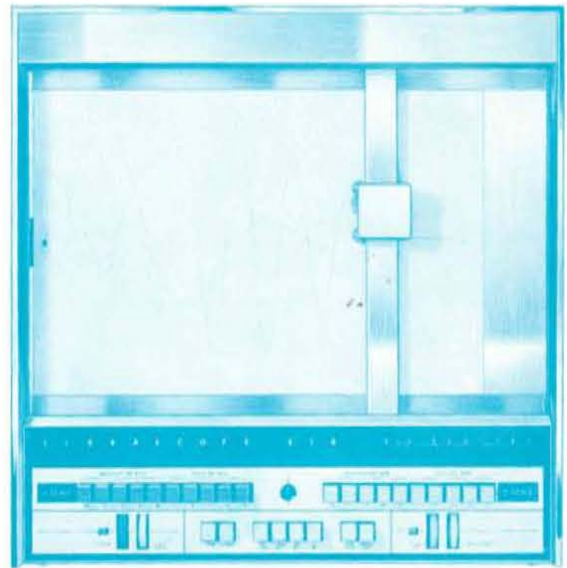
X·Y PLOTTER

MODEL 210



specifications

- accuracy:** Static, 0.1%; Dynamic, 0.2% at 10" /sec. Dynamic error applies to continuous inputs. For point plotting, the static error applies.
- response:** 20" /sec. in either axis.
- power consumption:** 115-volt, 60 cycle-225 watts.
- push button controls:** X and Y scales. Power off and on. Vacuum off and on. Plot clear. 4-quadrant plot. X and Y reference. Reference plot. Continuous trace.* Manual plot.
- thumb wheel controls:** X and Y axis references. X and Y scale verniers.
- plot:** Plotting controlled by panel push button, or at remote location.
- trace:** Pen drops for continuous curve recording.

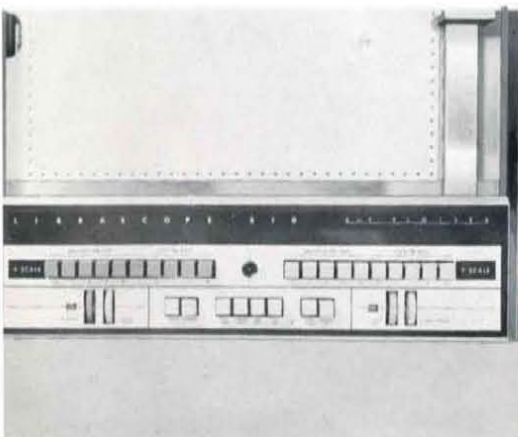


flat vacuum platen

A flat platen with positive vacuum hold down accommodates roll or sheet paper up to 12 $\frac{1}{4}$ inch width. Plot area is standard 10 x 15 inches. Precision positioning method allows detection of paper error due to material expansion or contraction.

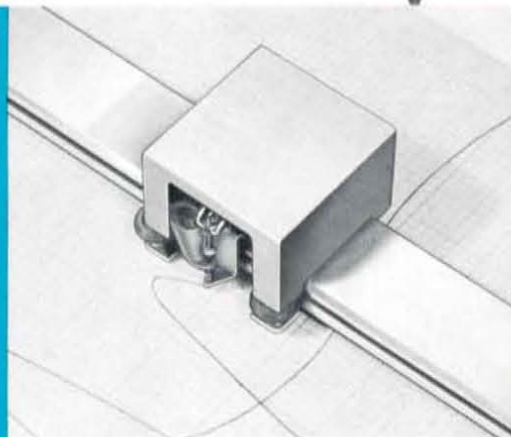
physical description

- table mounting case dimensions:** HEIGHT—7 $\frac{1}{2}$ inches • WIDTH—19 $\frac{1}{2}$ inches DEPTH—19 $\frac{1}{2}$ inches • WEIGHT—60 pounds
- plot table sub-assembly:** HEIGHT—15 $\frac{3}{4}$ inches • WIDTH—19 inches DEPTH—4 $\frac{1}{2}$ inches behind mounting plane; 2 $\frac{3}{4}$ inches in front. WEIGHT—60 pounds
- control panel module:** HEIGHT—3 $\frac{1}{2}$ inches • WIDTH—19 inches DEPTH—4 $\frac{1}{2}$ inches behind mounting plane; 2 $\frac{3}{4}$ inches in front.
- rack mounting case dimension:** HEIGHT—19 $\frac{1}{4}$ inches • WIDTH—19 inches DEPTH—12 inches behind mounting plane; 2 $\frac{3}{4}$ inches in front.



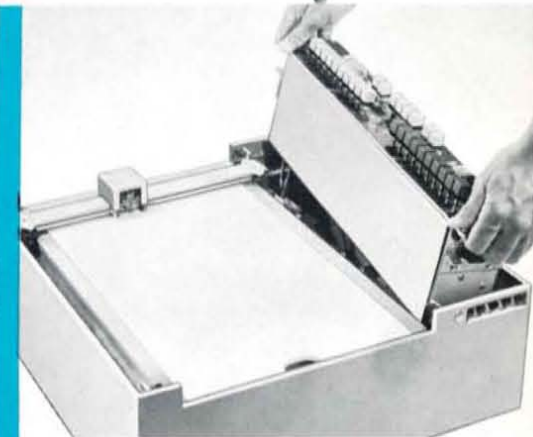
push button panel

Easy push button operation controls X-Y Scale... Power Switch... Vacuum Hold Down... Plot Clear... Four Quad Plot... Reference Plot... Variable Offset Plot... Continuous Trace and Manual Plot. Thumb Wheels actuate and control X and Y reference origins, and inter-scale verniers.



printing head... and pen systems

Providing up to 12 symbols, Librascope's new printing head technique eliminates ribbons and stamp pads. The pen and its visible ink reservoir are splatter-proof during periods of extreme activity. Capillary pen action assures line uniformity at all speeds with free-flowing tracking action.



interchangeable modules

The basic control section may be interchanged with other standard input modules such as High Impedance Input and Resistance Input. "X" Axis Time Drive... Point Joiner... and Curve Follower may be used in combination with the Standard and High Impedance Modules.

LIBRASCOPE® X-Y PLOTTER Model 210



Librascope products for industry

The design and development of computers, computer components and controls has been the professional responsibility of Librascope, Inc. for some 22 years. Today, Librascope's achievement is represented by a broad range of advanced computer products for commercial application. Your inquiry will be welcomed.

Write...

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accessories

The X-Y Plotter, Model 210 accommodates a full range of accessory equipment, including:

- Decimal Keyboard
- X Axis Time Drive
- Punched Card and Punched Tape Conversion Equipment
- Curve Follower
- Point Joiner
- Multiple Symbol Printing Head
- Roll Paper Adapter
- Log Input Adapter
- Back-Lighted Platen

A basic three-turn full scale cable drum drive is employed for utilization of such output signal equipment as:

- Three Turn Potentiometers
- Integrator Adapter
- Shaft Converter

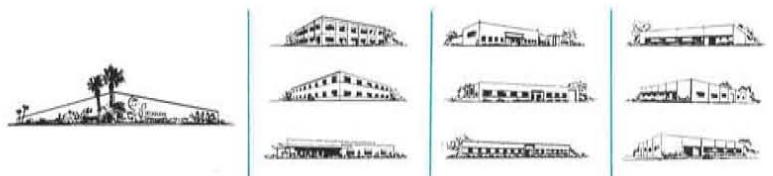
compact mounting—no waste space

Control box standard model, 3½" x 19", may be mounted directly to rack in groups at standard 3½" intervals. The divisible units may also be mounted individually with other equipment remote of standard rack mounting plot table assembly. Multiple units may be grouped in rack configuration.

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