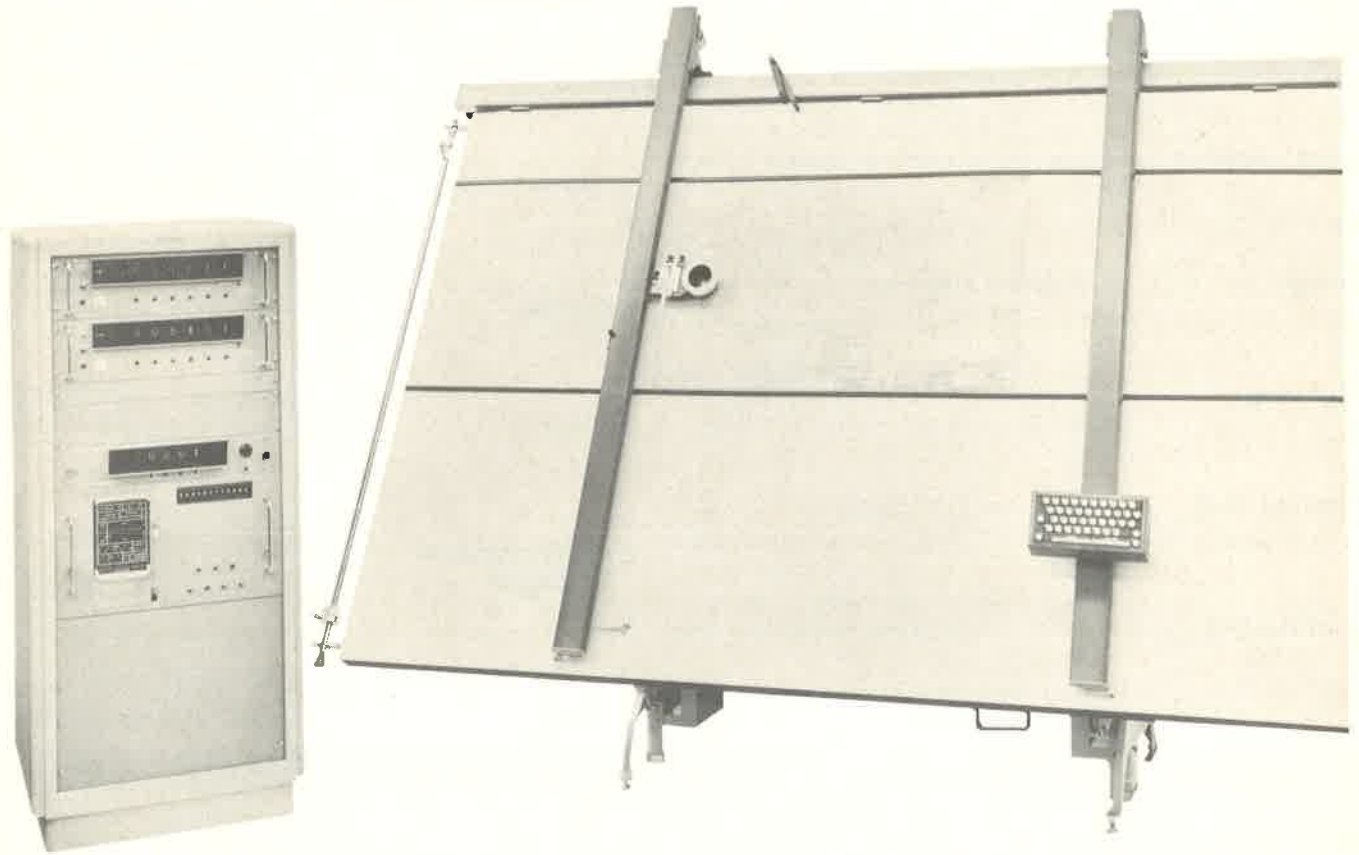


# BROOMALL INDUSTRIES

DIGITIZING SYSTEMS

Model LARR-V



**System Flexibility.** The all new solid state LARR-V offers unequalled digitizing flexibility. Starting with the standard 48" x 60" usable digitizing area or with either of the optional (3' x 3') or (4' x 4') sizes the LARR-V can be customized to a particular application.

With the extremely reliable field proven Telecordex electronics system the LARR-V offers a new approach for system expansion. Utilizing the 15A Magnetic Read Heads (Encoders) the same Telecordex can be used with other reading systems such as the 099, 17C, 29E or Oscar S. Optional features can be added in the field to meet future requirements.

In addition to normal keypunch output, punch paper

tape or magnetic tape output can be provided. For the large application two LARR-V's can be used with one 282M TELECORDEX.

Other features include:

- Selectable Scaling 1 to 1, 2 to 1, 4 to 1
- Solid State Bi-directional Counters with Nixie Display
- Instant Format Control with a removable patch panel
- New Flexible Magnetic Paper Hold Down
- Guaranteed non-obsolescence with the Telecordex electronics system

# LARR-V

STANDARD FEATURES		OPTIONAL FEATURES	
<b>reading area</b>	48" x 60" usable area. Accepts paper in all sizes to 54" wide.	<b>output</b>	Punched paper tape, Electrotyper C, Magnetic tape using 282M Telecordex and 556 bpi incremental tape transport
<b>reading accuracy</b>	±0.010" from any point to any point, straight line or contour digitizing.	<b>readout</b>	4 digit event display (Nixie) counter. Displays a running count of recorded readouts, and may be set to advance in selected increments of 0 thru 9 with each readout as an accumulator for sequence control.
<b>output</b>	024/026 Key punch or Summary Punch	<b>visual readout</b>	6 digit display and readout (Nixie), indicating the sign and 6 digits in each axis.
<b>visual readout</b>	5 digit display and readout (Nixie), indicating the sign and 5 digits in each axis.	<b>storage</b>	±999,999 in each axis.
<b>storage</b>	±99,999 in each axis.	<b>keypack</b>	12 digit keypack permits the operator to enter additional data into the readout.
<b>resolution</b>	250, 500 or 1000 counts or 100, 200, or 400 counts with the Magnetic Reading Head, Type 15A.	<b>alpha-numeric keyboard</b>	53 position keyboard with capabilities for full alpha- numerics plus special symbols at customer request.
<b>counting rate</b>	50,000 counts per second.	<b>reading area</b>	36" x 36" and 48" x 48" optional table sizes upon customer request.
<b>identification</b>	12 fixed data digit switches are provided for entering fixed data following readout.	<b>MECHANICAL SPECIFICATIONS</b>	
<b>format control</b>	Removable operator's programmable patchpanel allows formats to be generated to suit the specific problem.	<b>size</b>	<b>LARR-V:</b> 75" to 85" (adjustable) tall, 87.5" wide, and 65" deep. <b>282E:</b> 53.5" tall, 23" wide, and 29.5" deep.
<b>cursors</b>	Full radius, 2x magnification of cross-hairs permits fast, accurate point digitizing, or the stylus-point type for contour and straight line digitizing.	<b>weight</b>	<b>LARR-V:</b> 350 pounds approx. <b>282E:</b> 350 pounds approx.
<b>paper hold down</b>	Fully adjustable magnetic paper hold down to accommodate entire digitizing area and all paper sizes and types.	<b>table top</b>	Digitizing surface may be used as vertical or horizontal reader (0° thru 90°).
<b>table surface</b>	White Formica top with alignment indicators to facilitate paper positioning.	<b>color</b>	Light blue with gray trim.
<b>environment</b>	+40°F to +90°F	<b>WARRANTY</b>	
<b>power requirements</b>	110V ± 10V, 60 cycle, single phase, 125 watts.	Purchase of the LARR-V includes installation by a factory trained field engineer and a 90 day warranty from date of installation.	