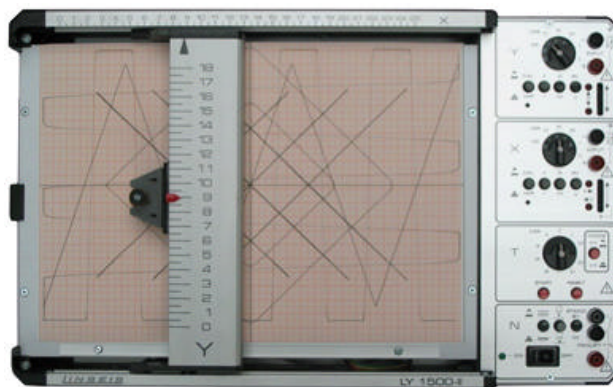




LY15100II XYT Recorder



Specifications:

Paper size	7 x 10 writing area (81/2 x 11 paper size)
Useable writing width	approx. 274 x 174 mm
Recording method	via fiber-tip pen
Paper hold-down	electrostatic
Max. writing speed	X-axis: 80 cm/s Y-axis: 100 cm/s
Response time	X-axis: 0.3 s Y-axis: 0.2 s
Cut-off frequency	X-axis: 1.6 Hz – 3 db Y-axis: 2.7 Hz – 3 db
14 calibrated ranges	0.1 0.2 0.5 1 2 5 10 20 mV/cm 0.05 0.1 0.2 0.5 1 2 V/cm
Variable range of expansion	gain up to 2.5 times
Zero line shift	over entire writing width and Additional +150/-250%
Input impedance	1 MOHM (constant)
Accuracy	+/- 0.25% (typical) or +/- 10uV
Temperature drift of zero line	approx. 0.1 µV/K (typical) mV-ranges Approx. 10 µV/K (typical) V-ranges
Over-range	servomotor is switched off and indication With 4 LED's left/right side and upper/ lower side
Stand-by	upper-right corner
Max. input voltage	+/- 50 V
Overload capacity of input	+/- 50 V
Max. voltage between input And ground	+/- 50 V
50 Hz suppression SMR	50 dB
60 Hz suppression DMR	57 dB
Suppr. Of disturbing voltage CMRR	130 dB at 1 kOhm
Time base generator on the X-axis:	
Principle of function	analog integrator
Sweep speeds	50 20 10 5 2 1 0,5 0,2 0,1 s/cm
Operation	buttons for start and reset (optional: start and stop with TTL signal)
Power supply	115/230V 50-60Hz
Power consumption	12 W (3 W on standby)
Protection class	I (VDE 0411)
Dimensions (W x H x D)	440 x 145 x 264 mm
Weight	approx. 7 kg