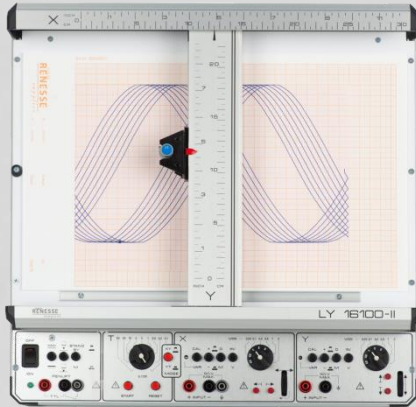


LY14100II / LY16100II

XYT RECORDER



ABOUT

Formerly manufactured by Linseis, these recorders provide full XY and XT recording capability.

With 14 calibrated measuring ranges (with variable range expansion up to 250%) on both the X, Y axis and multi time base for XT recording.

The LY XY Chart Recorders are recognized as the gold standard for XY Analog Recording.

FEATURES

- Aluminum Housing
- DIN A3 or A4 Paper size
- Time Base with 9 sweep speeds
- Electronic paper hold-down
- 14 Measuring Ranges 0.1mV/cm – 2 V/cm
- Optional 19" Rack Mount
- Over-range LED

TWO DIFFERENT MODELS

LY14100II XYT RECORDER – A3 PAPER

LY16100II XYT RECORDER – A4 PAPER

OPTION

Rack Mount A3
Rack Mount A4

ORDER CODE

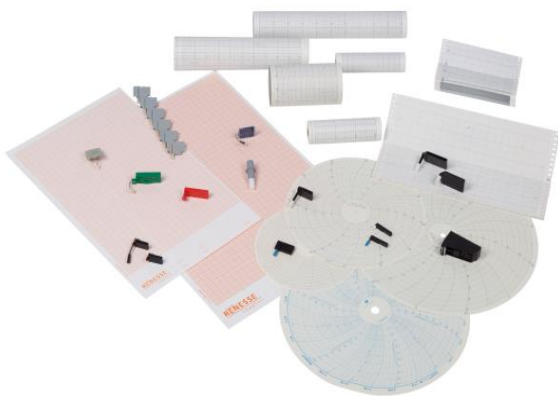
article no. LY\1400-G2
article no. XY\1600-110

PAPER

A3, set of 100 sheets article no. 80004005
A4, set of 100 sheets article no. 80003011

PENS (SET OF 5)

Black article no. 80116026
Red article no. 80116027
Green article no. 80116028
Blue article no. 80116029
Violet article no. 80116030
Brown article no. 80116033



XYT RECORDER

Specifications

Calibrated measuring 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 expansion	up to 250% (sensitivity increase)
Zero line shift	over entire writing width + 150/-250%
Input impedance	1 MOHM
Max. source impedance	5 KOHM
Measuring accuracy	± 0,3 % / ± 10 µV
Temperature drift of zero line	approx. 0,1 uV/K mV-ranges
Max. input voltage	approx. 10 uV/K V-ranges
Max. voltage between “_” and ground	± 50V
Overload protection	± 50 V
50 Hz suppression SMR	50 dB
60 Hz suppression SMR	57 dB
Common mode rejection CMRR	130 dB at 1 KOHM
Paper size	DIN A3 or DIN A4
Useable writing area	280mm x 381mm (A3) 218mm x 310mm (A4)
Pen type	HP pens
Paper hold-down	electrostatic
Stand by	upper right corner
Switching off servo units	indication via LED's left/right and upper /lower side
Power supply	115/230 V 50/60Hz
Power consumption	12 VA /stand by 3 VA)
Security class	I as per VDE 0411
Max. writing speed	X-axis 80 cm/s, Y-axis 100 cm/s
Balancing time	X-axis 0,33 s, Y-axis 0,32 s
Cut-off frequency (DIN)	X-axis 1,6 Hz – 3 dB Y-axis 2,7 Hz – 3 dB
Time base of X-axis	
Principle of function	analog integrator
Sweep speed	50 20 10 5 2 1 0,5 0,2 0,1 cm/s
Controls	Start-button, Reset-button automatic reset at end of range
Accuracy	max. 1 %
Dimensions (WxHxD)	477x148x444
Weight	Approx. 8 KG

