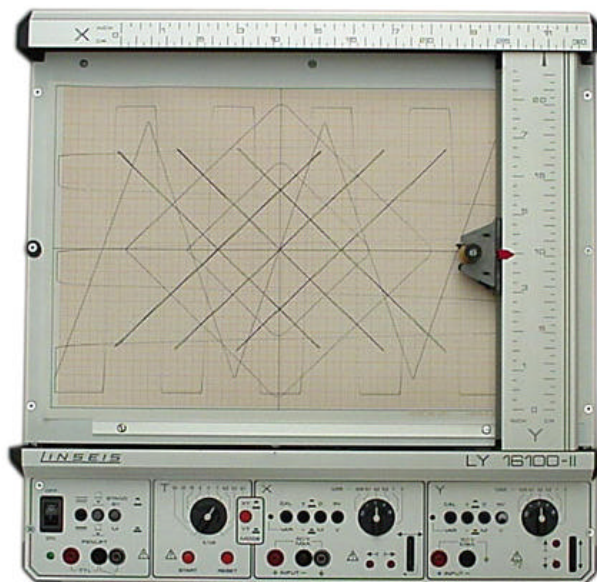




LY16100II XYT RECORDER



Specifications:

Calibrated measuring ranges

0.1 0.2 0.5 1 2 5 10 20 mV/cm

variable range expansion

0.05 0.1 0.2 0.5 1 2 V/cm

zero line shift

up to 250% (sensitivity increase)

input impedance

over entire writing width + 150/-250%

max. source impedance

1 MOHM

measuring accuracy

5 KOHM

temperature drift of zero line

$\pm 0.25\%$ / $\pm 10 \mu\text{V}$

max. input voltage

approx. 0.1 uV/K mV-ranges

max. voltage between “_” and ground

approx. 10 uV/K V-ranges

overload protection

$\pm 50\text{V}$

50 Hz suppression SMR

$\pm 50\text{V}$

60 Hz suppression SMR

50 dB

common mode rejection CMRR

57 dB

paper size

130 dB at 1 KOHM

useable writing area

DIN A4

pen type

218mm x 310mm

paper hold-down

HP pens

stand by

electrostatic

switching off servo units

upper right corner

power supply

indication via LED's left/right and upper /lower side

power consumption

115/230 V 50/60Hz

security class

12 VA /stand by 3 VA)

max. writing speed

I as per VDE 0411

balancing time

X-axis 80 cm/s, Y-axis 100 cm/s

cut-off frequency (DIN)

X-axis 0.33 s, Y-axis 0.32 s

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 s/cm

controls

Start-button, Reset-button

automatic reset at end of range

accuracy

max. 1%

dimensions mm (W x H x D)

382 x 148 x 387

weight

approx. 7 kg