



LEM Instruments, Inc.

LEM Site

800-581-9377

[Home](#)
[About LEM](#)
[LEM USA](#)
[LEM News](#)
[Contact LEM](#)
[LEM Store](#)

[CLAMP-ON CURRENT METERS](#) | [LEM-FLEX+](#) | [LOW RESISTANCE MEASUREMENT](#) | [POWER ANALYZERS](#) |
[POWER QUALITY](#) | [AMMETERS](#) | [LEM-FLEX PROBE](#) | [CURRENT PROBES](#) | [SAFETY / GROUNDING](#) |
[RECORDERS](#) | [SMART LEADS](#) |

LEM Portable Recorders

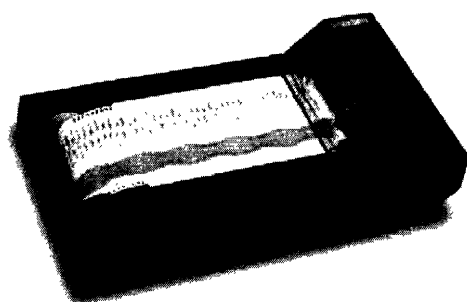
SERVOGOR® 110

SERVOGOR® 110-02

SERVOGOR® 111

SERVOGOR® 111-02

SERVOGOR® 112



The portable **SERVOGOR®** recorders are to metrologists and laboratory technicians what laptops are to computer operators. Their characteristics include light-weight design, limited power requirements and easy handling. **SERVOGOR® 110**, **111** (single channel) and **112** additionally feature a digital measured value display (3 1/2-digit) and test log printout. The **SERVOGOR® 110** (as single or two-channel version) is a DC voltage recorder for electronic and electrotechnical applications with measuring ranges from 1 mV to 500V in 18 steps. The power current recorder **SERVOGOR® 111** (as single or two-channel version) is designed for measurements on mains supply and in installations. There is a choice of 24 measuring ranges for both voltage and current. For power applications there is an uninterrupted current input for 6 A or a 750 V input for voltages. The microprocessor-controlled single-channel recorder **SERVOGOR® 112** is ideal for measuring temperatures. Thermocouples (J, K, T) and Pt 100 resistance thermometers (2, 3, 4-wire) can also be connected.

LEM Portable Recorders

SERVOGOR® 110

SERVOGOR® 110-02

SERVOGOR® 111

SERVOGOR® 111-02

SERVOGOR® 112

Specifications

Ranges	SE 110:	(1+2 channel) 1 mV ... 500 V DC (calibrated up to max. 250 V)
	SE 111:	(1 channel) 150 mV ... 750 V DC/AC, 0.6 mA ... 6 A DC/AC (2 channel) 150 mV ... 300 V DC/AC, Zoom 600 mV ... 750 V DC/AC
	SE 112:	(1-channel) -100 xC ... +1200 xC (acc.to meas. unit)
Intermediate ranges	SE 110, 111:	(1 channel) sensitivity increase constant to factor 2.5
Recording width		100 mm
Paper	SE 110: SE 111: SE 112:	0 ... 100, linear 0 ... 30, linear 0 ... 100, linear
Order no.:	SERVOGOR 110 SERVOGOR 110- 02 SERVOGOR 111 SERVOGOR 111- 02 SERVOGOR 112	881 1000 00 881 1002 00 881 1100 00 881 1102 00 881 1200 00

Copyright ©2000 LEM Instruments, Inc. All Rights Reserved.