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Consumer and Corporate Affairs Consommation et corporations
Legal Metrology Métrologie Légale

S.WA-1003

Approval No. d'approbation

First Approved May 16, 1977

Ottawa November 19, 1980

NOTICE OF APPROVAL – AVIS D'APPROBATION

SCALAR ELECTRONICS - ELECTRONIC READOUT - SYSTEM 2000

MANUFACTURER: Scalar Electronics Ltd.
 440-19th Ave.,
 Lachine, Qué.

TYPE OF DEVICE: Electronic readout system with optional control features, for use in conjunction with electronic weighing systems.

MODEL NUMBER: System 2000

STANDARD FEATURES:

- Active Digits: 5 digits, nixie or LED
- Resolution: 1 part in 15,000
- Decimal Point: Selectable on last 3 digits.
- Overload Indication: Readout blanks out on overload. Trip point is internally adjustable.
- Avoirdupois/Metric selector.

OPTIONAL FEATURES:

- 6 digit readout, digital tare, BCD output
- Push button zero and automatic zero tracking
- Motion detector/printer interface
- Digital trip set points.

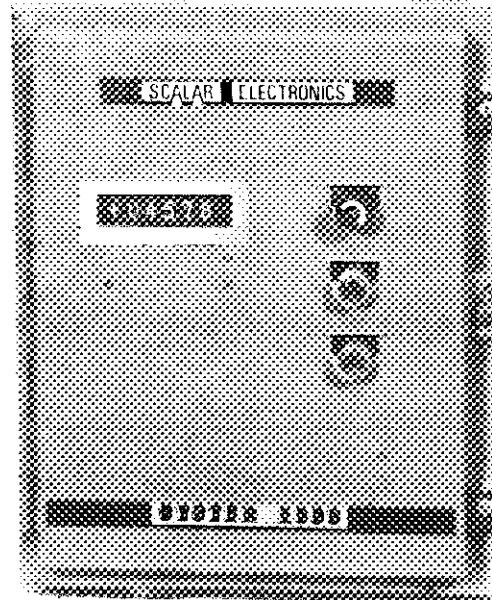
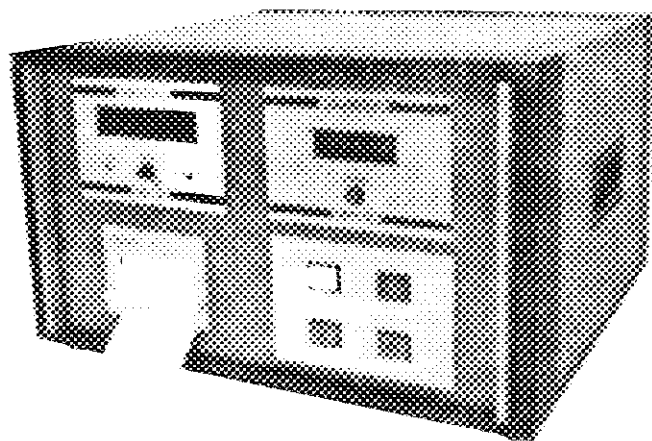
APPROVED ACCESSORIES: This indicator may be used in conjunction with any approved and compatible type of weight printer and other accessories.

Application: The weighing in trade.

Description: This indicator is designed for use with any type of electronic scale or weighing systems yielding a strain gauge output which is within the capability of the indicator. By the addition of optional equipment the system 2000 may be enabled to perform certain automatic control functions for applications involving batching, blending and other cyclic operations.

System 2000 instruments of early manufacture were of modular construction, the readout unit and certain of the optional operators each being constructed as a separate unit, with the whole being combined in a master enclosure. In addition, a separate electronics package was used as an interface between the load cells and the display/control package, to provide for load cell excitation, signal conditioning, and other power requirements.

System 2000 instruments of current manufacture have the entire system, including readout, control features and load cell interface combined in a single enclosure.



Conditions of Approval: Approval is granted under the Weights and Measures Act, S.C. 1970-71-72, chapter 36, and the Weights and Measures Regulations C.R.C.c., 1605 for use in Canada under the general conditions of the said Regulations and under any special conditions listed above.

File No.: ¹⁰¹G6922-S773

John Armstrong
John Armstrong, Chief
Weights and Measures Division
Legal Metrology Branch