



Consumer and
Corporate Affairs

Consommation et
corporations

Standards

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

Short Form

S.WA-1161

Version Abrégée

Ottawa, April 15, 1980

Weightech Scale - Digital Indicator
Model 90-7900 "The Weighsource"
(or Model H90-7900 with Stainless Steel Casing)

Manufacturer: Perle Systems Limited,
135 Sparks Street,
Markham, Ontario

Apparatus: Electronic Digital Weight Indicator

Application: Industrial

Rating: Model 90-7900 (or H90-7900 with Stainless Steel Casing)
100 x .02 lbs.
(6 active digits/1 fixed zero, 20,000 grads).

Approved accessories: The device can be interfaced with any approved compatible printers. When interfaced with two printers simultaneously each printer will indicate its scale number on the printout.

Description: This instrument provides excitation voltage to a strain gage or a series of strain gages and reads back the analog signal output from the strain gage(s). The signal is then digitized for display. The digitized weight signal is also processed for peripheral devices by a micro-processor.

The display used in this system is a 16 character alpha numeric gas discharge type. It consists of two groups 0.5 in high 8 digit displays. The left hand side is always used as a numeric indicator for displaying all weights, centre zero, time, date, subtotal, total registers, product code, and calibration code numbers. The right hand side is used to display units of measure and operating modes such as LB,KG, NET,GROSS, TARE, TIME, DATE, CUMTTL, CUMSTTL, PRCD, etc., Scale Number and System Busy indications.

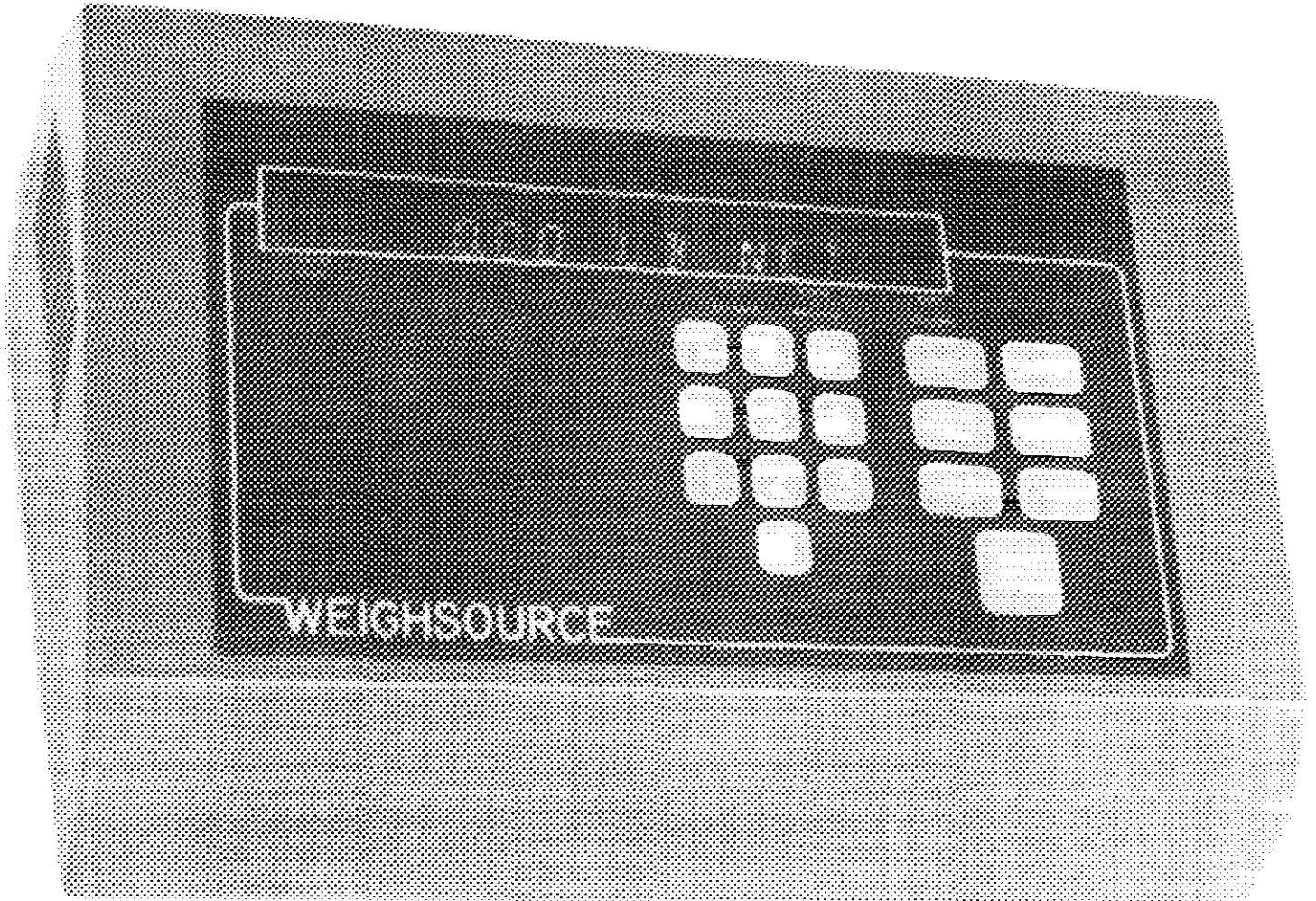
.../2

PROGRAM	KEYING SEQUENCE	DISPLAY
Turn "ON"	1) Apply Power, then wait 30 min. for temperature stabilization 2) Press "CLEAR"	1) "ON" plus "Scale 1" or "Scale 2" lit. 2) Indicator will flash series of letters then indicate 0.00 LB GROSS and centre of Zero indicator will light.
Zero Scale <u>NOTE:</u> Range of zero not to exceed 4% of capacity	1) Press "7" then "STEP" 2) Press "ENTER"	1) (Amount off Zero) <u> </u> . <u> </u> LB/GROSS 2) "0.00 LB GROSS"
	<u>NOTE:</u> When the above steps are completed the indicator automatically returns to the weighing program.	
Platter Tare To check if Tare entry accepted	1) Place item on Platform 2) Press "TARE" key 3) Press "1" then "STEP"	1) (OBJECT WEIGHT) " <u> </u> . <u> </u> LB GROSS" 2) (OBJECT WEIGHT) " <u> </u> . <u> </u> LB GROSS" <u>NOTE:</u> If instrument was in "NET" mode prior to pressing "TARE" key display would indicate "0.00 LB NET" 3) (OBJECT WEIGHT) " <u> </u> . <u> </u> LB TARE"
	<u>NOTE:</u> After selecting any of the various programs available with the exception of "SCALE ZERO", to return to the weighing program key in "0" then "STEP"	
To clear TARE	1) Press "0" then "TARE"	1) if no weight on scale 0.00 LB GROSS; if weight on scale (Object weight) " <u> </u> . <u> </u> LB GROSS"

PROGRAM	KEYING SEQUENCE	DISPLAY
Keyboard TARE To check key-board tare entered	1) Press Numbers that correspond to desired tare weight i.e., 8.88 then press "TARE" 2) Press "1" then "STEP"	1) "0.00 LB GROSS" 2) "8.88 LB TARE"
To verify display	1) Press "15", "STEP", "ENTER" "NET/GROSS" <u>NOTE</u> : To get out of this program press CLEAR two times.	1) Each segment of the alpha/numeric display is stepped.

NOTE: There are two areas which require sealing.

1. The base is fitted with screws machined to receive sealing wire and a lead seal.
2. A plate, fastened to the rear face of the housing with two screws which are machined to receive sealing wire and a lead seal, prevents unauthorized tampering with the calibration switch.



Special Conditions: The sealing means is exempted from providing ready access to other components and adjustments as per SGM3/10.

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 conditions listed above.

Reference No. G6922-W409

.....*J. D. Buchanan*.....
John Buchanan
Acting Chief
Weights and Measures Division
Legal Metrology Branch