EZ 2000 + 2000V SPECIFICATIONS

SIZE	10" long x 7.4" high x 5" wide (25.4 cm x 18.8 cm x 12.7 cm) weight – 4.5 lbs (2.04 Kg)	**HELP MESSAGES**	Context sensitive help messages in 7 languages. Long messages are scrolled.
TRANSDUCER EXCITATION	8 volts D.C. ± 10%. Capable of driving ten 350 Ohms transducers. Short circuit proof.	**ATC**	Auto Temperature Compensation of the internal circuitry for high accuracy weighing measurements.
TRANSDUCER SIGNAL	Compatible with transducers having full scale indicator transfer characteristics greater than 0.25 mv/v.	**"AUTO RANGE"**	(Selectable) To increase display counts at weight values of 300 and 600 display counts.
CONNECTOR	AMP plastic weather resistant circular connector. Gold contacts.	**POWER ON**	10.5 – 16 V.D.C. 160 mA nominal with four 350Ω L.C. (Alarms off).
SET UP AND CALIBRATION	Via front panel.	**POWER OFF**	10.5 – 16 V.D.C. 1mA nominal.
GROSS RANGE	999,999 max. display	**LOW BATTERY WARNING**	Enabled at 10.5V nominal.
POUND/KILOGRAM	Selectable.	**WEIGHT DISPLAY**	6 digit alpha-numeric LCD, 1" high with functional annunciators and with fiber optic backlighting
OUTPUT RESOLUTION	.01, .02, .05, .1, .2, .5, 1, 2, 5, 10, 20, 50, 100	**DISPLAY UPDATE RATE**	1, 2, 3, 4 times/sec.
MAX. DISPLAY RESOLUTION	Adjustable to 40,000 counts max.	**ZERO TRACKING**	Selectable, On/Off.
SPAN	±(.1% + .005%/ °F) or (.1% + 0.009% °C) full scale ± 1 output count.	**MOTION DETECTION**	Selectable, On/Off.
ZERO	(.005%/ °F.) or (0.009% °C) full scale ±1 output count for 0.5 mv/v transducer.	**ENVIRONMENTAL ENCLOSURE**	IP65, IEC 529
WEIGH ALGORITHM	3 internally selectable digital filters to optimize system performance. General, slow (both adjustable) and fast.	**HOLD MODE**	Used in mobile applications to stabilize displayed weight while moving the scale.
NON VOLATILE MEMORY	E^{2}PROM for balance.	**"SAFE"**	System Analyzing Feature Enhancement – runs a continuous internal diagnostic self-test to ensure flawless operation.
OPERATING TEMP	-20°F to 150°F -29°C to 66°C	**REMOTE INPUTS**	Tare

OPTIONS

SERIAL INTERFACE	RS-232-C AND 20 mA current loop Printer/computer interface Print with auto-tare One or two line print format	**REMOTE DISPLAYS**	Digi-Star or other manufacturers.
TIME/DATE	Battery backed up clock/calendar. Year 2000 compatible.	**CONSTANT ON**	Automatically turns on when power is restored after power loss.
LARGE DISPLAY	6 Digit, 1" high (optional 1.7" high) alphanumeric LCD with functional annunciators & fiber optic backlight		

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