

WE ARE ON CALL AROUND THE WORLD, WHEREVER YOU ARE,
WHENEVER YOU NEED US.

DIGITAL INDICATOR

FS-8000



FINE

FINE INTERKOREA CORP.

FS-8000

■ SPECIFICATIONS

■ ANALOG INPUT AND A/D CONVERSION

LOAD CELL EXCITATION	10VDC \pm 5%, 320mA
INPUT SENSITIVITY	0.45 μ V/D
ZERO ADJUSTMENT RANGE	-0.6mV ~ +42.0mV; COMBINATIONS OF 6BIT DIP SWITCH
INPUT VOLTAGE	Max. 32mV
INPUT IMPEDANCE	10M Ω (MIN.)
INPUT NOISE	+0.6 μ V p.p or LESS
A/D CONVERTER	TYPE: DUAL SLOPE TYPE RESOLUTION: 1/65,000 COUNTS(16BIT) CONVERTING SPEED : 2TIMES/ SEC
NON-LINEARITY	0.01% OF FULL SCALE
TEMPERATURE-DRIFT	ZERO \pm 20 PPM/°C SPAN \pm 20 PPM/°C
OVERLOAD TOLERANCE	+10%OF FULL CAPACITY
DISPLAY UPDATE RATE	20 TIMES/SEC

■ DIGITAL SECTION

DISPLAY UNIT	13mm(1/2"), 7DIGITS HIGHLY BRIGHT FLUORESCENT TUBE
ANNUNCIATORS	STEADY, ZERO, TARE, GROSS, AUTO, TXD, HOLD
DECIMAL POINT POSITION	0, 0.0, 0.00, 0.000
KEYBOARD	TEN KEY, ZERO, TARE/TARE CLR, GROSS/NET, P.N. CODE, K.T. HOLD, G.T, S.T, AUTO, COUNT CLR, PRINT, SET/CAL
EXTERNAL INPUT SIGNAL	OPTICAL ISOLATOR
MIN. DIVISION	x1, x2, x5, x10, x20, x50
MAX. DISPLAY	+550,000
REAR PANEL	LOAD CELL INPUT : 5 PIN CONNECTOR EXTERNAL CONTROL : 5 PIN TERMINAL (NET/GROSS, PRINT, TARE/HOLD, ZERO)

■ GENERAL

DATA MEMORY BACK-UP	APPR. 10 YEARS
POWER	100/117/120/220/240VAC, \pm 10%, 50/60Hz (FACTORY PRESET)
POWER CONSUMPTION	APPR. 20VA
OPERATING CONDITION	TEMPERATURE : -10°C ~ +40°C (+14°F ~ +104°F) HUMIDITY : 85% Rh Max. (NON-CONDENSING)
NET WEIGHT	2.0kg
GROSS WEIGHT	2.6kg
PHYSICAL DIMENSIONS	192(W)x 150(D)x 96(H)mm 75.6(W)x 59.1(D)x 37.8(H)inch
FUSE	250V/ 0.5A

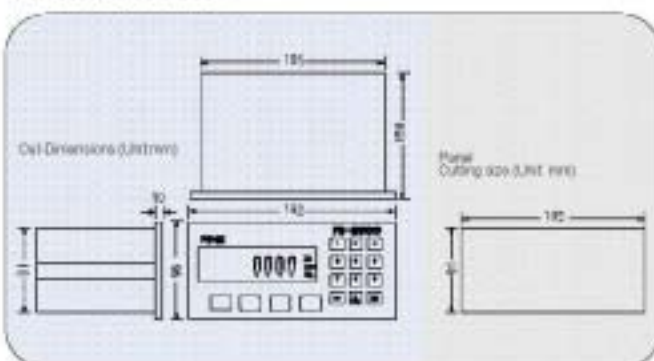
■ OPTION

- OP1 : RS-232C	- OP5 : ANALOG OUT (0~10V)
- OP2 : CURRENT LOOP	- OP6 : ANALOG OUT (4~20mA)
- OP3 : BCD DATA OUT	- OP7 : PRINTER I/F
- OP4 : RS-422	(CENTRONICS PARALLEL I/F)

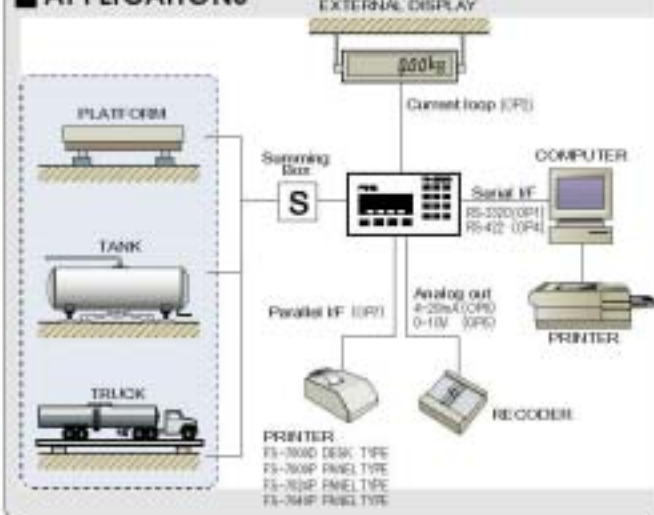
■ FEATURES

- Control for platform, tank, truck(with computer)/scale, strain/compression tester, etc.
- Table or panel mounting available.
- Auto span calibration.
- Watch-dog function installed for diagnostic.
- Shielded by aluminum case for the immunity against all forms of radio frequency interference and the susceptibility.
- Wide range of capacity and division can be easily set by keyboard.
- Push button tare or keyboard tare setting.
- Weight memory back-up for up to 10years.
- Peak-hold and sample-hold function.
- Can choose either kg or ton.
- The external field switch can be directly connected to 5pin terminal located at the rear panel for the remote control of some keyboard functions. (NET/GROSS, PRINT, TARE/HOLD, ZERO)
- Optionally recalls real time(DATE & TIME), count, parts number(PN) and accumulated total SUB/ GRAND)when printer is interfaced(OP7).
- Can drive up to 8pcs of load cells(3562).

■ DIMENSIONS



■ APPLICATIONS



* Specifications subject to change for improvement without prior notice.

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