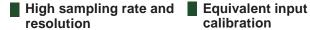
WEIGHING INDICATOR

A weighing indicator with the high-performance filter for a variety of applications

like a platform scale and simple check weigher! Equipped with the high-speed A/D converter (300Hz), high/low comparison function, and statistics function! Various interface options like RS-232C and BCD!



High-Speed A/D conversion and powerful digital processing capability of 300 times/sec.

High resolution of 1/10000 in all input range.(internal 24bit)

Improved visibility and user-friendly operability

Vacuum fluorescent display with the excellent visibility (18mm character height) and large membrane keys for easy operability.

High performance filter

As it is resistant to vibration, measurement can be performed quickly and precisely.

Zero tracking function

Slow zero drift or shift of zero point due to temperature change etc. is automatically corrected.

M731 - a printer for F730 (sold separately)

The weight, accumulated data, and statistic data can be printed.



calibration

Theoretical calibration can be performed easily by registering the capacity and rated output of load cells.

Multipoint calibration (linearization)

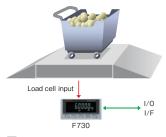
Three additional points can be defined in the middle between zero and span for better linearity.

Various interface

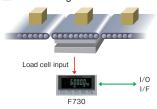
PRI(For printer connection), RS-232C, RS-485, BCD OUTPUT, D/A converter are

Application example

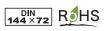
Platform scale



Check weigher



TARE PRINT



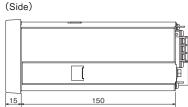
F730

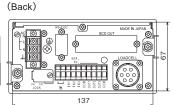
Specifications

Analog	Excitation voltage	DC5V±5% Output current: within 90mA Ratiometric method (Up to 6 350Ω load cells can be connected in parallel)
	Signal input range	-0.3~3.0mV/V
		Automatic adjustment by digital processing 0~2.0mV/V
	, ,	Automatic adjustment by digital processing 0.3~3.0mV/V
	Gain correction	Up to three point multi-point calibration is possible using linearization function
	Min. input sensitivity	0.15µV/count
	Accuracy	Non-linearity: within 0.01%/FS
	Accuracy	Zero drift: Typ 0.025µV/°C RTI
		Gain drift: Typ 1ppm/C
	Filter	Digital low-pass filter Selectable from 1.5, 2, 3, 4, 5Hz
	A/D converter	Speed: 300 times/sec Resolution: 24bit (binary)
Display	Display unit	Character height 18mm Numerical display (7-digit) by fluorescent display tube
	Display unit Display value	171 077
	Unit	5-digit Minus sign displayed on most significant digit
		Selectable from t, kg, g, lb, none
	Display frequency	Selectable from 3, 6, 13, 25 times/sec (system speed is 300 times/sec.) Center zero / STAB / TARE / NET / GROSS / ZT / ZALM / LOCK /
	Status display	
External	External autout	HI LIM / HI / GO / LO / LO LIM / HOLD / NZ HI / GO / LO / HI LIM / LO LIM / Stable / Near zero / Hold / Weight error / RUN
	External output	•
signal	(3 points)	Select three control/status signal outputs from above.
		Transistor open collector output. (Emitter = COM terminal) Output is LO when transistor is ON Vceo=30V(max), Ic=120mA (max)
	Cutamatina ut	
	External input (3 points)	Tare / Tare reset / Digital zero / Digital zero reset / Weight value change / Print command / Total print / Feed / Hold / Comparison
	(3 points)	· · · · · · · · · · · · · · · · · · ·
		Select three control/status signal inputs from above.
		Input is ON when shorted to COM terminal by contact (relay switch, etc.)
1-46	SIF:	or non contact (transistor, open collector, etc.). Ic=10mA or less
Interface	PRI:	2-wire type serial interface Interface for printer connection (Signal level: based on RS-232C) (Option)
	232:	RS-232C communication interface (Option)
	BCO:	
	485:	BCD parallel data input interface (Option)
	1	RS-485 communication interface (Option)
	DAC:	D/A converter interface (Option)
	Up to two optional inter	
	,	or 232C and the other from BCO, 485, and DAC).
General	11,	AC100~240V (+10%-15%) (Free power supply 50/60Hz)
specifi-	Power consumption	5W typ
cation	Operating conditions	Temperature Operating range: -10~+40°C Storage range: -20~+85°C
	B	Humidity 85%RH or less (non-condensing)
	Dimensions	144(W) x72 (H) x165 (D) mm (Projections excluded)
	Weight	Approx 1.2kg
Attachment		resistance:125 Vac) 1 Printer connection cable (when PRI option is installed) 1
	Load cell connector (JR c	onnector)
	Operation manual	

External dimension

(Front) SET_ESC TARE ZERO GROSS PRINT → B





Panel cutout dimensions Panel thickness 98 1.6~3.2mm 138 +2

Unit mm

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