

F770 Weighing Indicator with built-in Printer

F770 is a versatile instrument capable of static weighing, counting and check weighing. Its design is convenient for desktop, panel mount and tower placement.

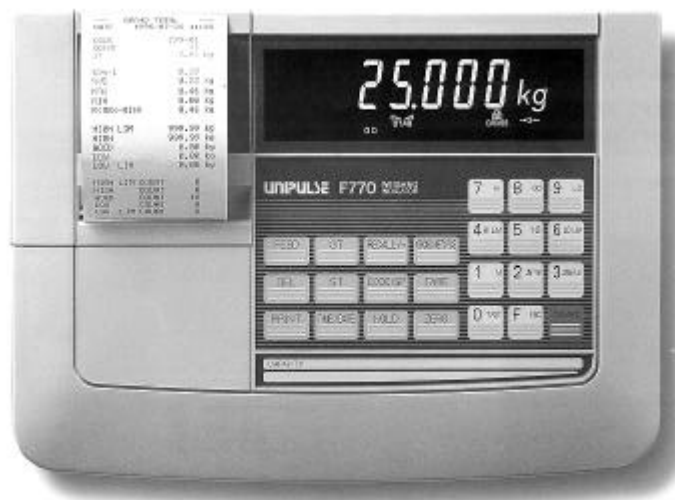
F770 is also a powerful industrial tool featuring: 100 preset tables with table number, unit weight memory with other 7 items, counting console, auto dual interval as well as check-weighing function. A large weight display with 17 status displays and extensive keypad keep operation easy and convenient. 12 keys for input of numeric and set-point functions along with 5 dedicated function keys and 7 printer keys make setup a snap.

High speed A/D conversion (50times per second) and HI-LIM/ HI/ GO/ LO/ LO-LIM comparative outputs make the F770 your choice for a variety of check-weighing and sorting applications. Features include: Multi Hold function: Random sampling hold, Stable value hold, Average value hold with specific section. A couple of strokes of the key pad is all you need to input a sample amount or a unit weight when using the F770 as a counting console.

Unipulse standard 2-wire serial interface SI/F is for connecting remote displays. Optical bi-directional RS-232C interface to a computer. Built-in printer gives sub-total, Grand total, Batch total, Statistical data: Average weight, Max. weight, Min. weight, Max-Min, General standard deviation, Sample standard deviation and Count of data (n) for each code number.

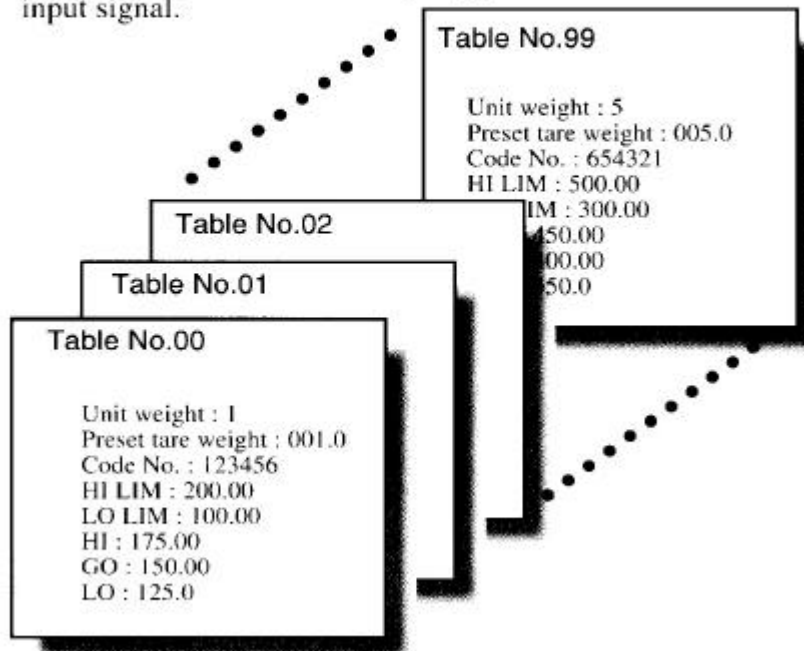
Features

- Employs a large high-intensity Fluorescent display that gives clear weight indication even in harsh environments
- Sample (count) or unit weight display
- Recalling Preset Table changes weighing parameter.
- Full digital front panel calibration
- Auto-print when stable function



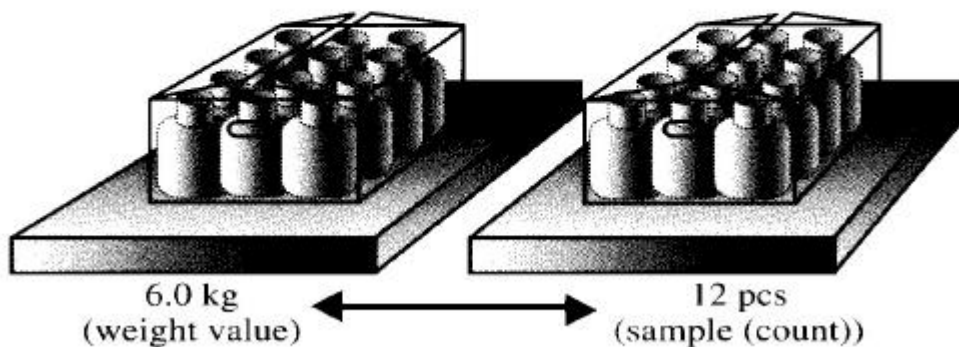
PRESET TABLE

There are 100 preset tables for weighing parameters. You can easily change table number by keypad, RS-232C or external input signal.



COUNTING FUNCTION

A count value calculated by $(\text{Net weight} \div \text{Unit weight})$.
The counting display is distinguished from the weight display by brackets on each end.



Specifications

Load cell Excitation	DC10V+/-5%, Current: 180mA
Zero Adjustment Range	+/-2mV/V
Span Adjustment Range	0.5 to 3.0mV/V
Analog Input Signal Sensitivity	0.5 micron V/digit
Non Linearity	within 0.01%FS
Zero Drift	within 0.2 micron V/D. Celsius RTI
Gain Drift	15ppm/D. Celsius
Noise	0.3 micron Vp-p RTI, 0.1 to 10Hz
Filters	Digital Filter
A/D Converter	50 times/second (20mS) Resolution: 16 bit
Display Resolution	1/10,000 (Legal for Trade) 1/30,000 expanded
Display	Seven (7) digits, 18mm Original Vacuum Fluorescent Display
Weight Value Display	Five (5) digits, Plus/Minus sign, Unit: t, g, kg, lb, N -Selectable (kg↔lb Conversion Function Selectable)
Count Display	Four (4) digits, Plus/Minus sign, Unit...pcs
Display Frequency	3, 6, 13, 25 times/second
Min. Scale Division	1 to 100
Decimal Point	88.8.8.8
Center Zero	“ → 0 ← ” turns on when displayed value is at the center zero (0+/-1/4 scale)
Status Display	Intended by fixed character display tube
Setting Items	HI-LIM, HI, GO, LO, LO-LIM, Near Zero, Tare, Unit, Weight, Interval Border, etc.
Hold Function	Sample, Stab., Average, Checking Scale, Peak
Memory	NOV RAM (Non-Volatile RAM)
Protection of Set Values	Initial set values and calibration can be protected from unauthorized access.
Error Display	Over Scale, Sequence, Calibration
External Input Signal	Signals are inputted by shorting or opening Input and COM terminal.
External Output Signals	The output signal circuit is an open-collector output of a transistor.
Print System	5 x 7 dot-matrix
Print Speed	Approx. 2 lines/sec. (50 pcs)
Characters	24 per lines
Voltage Input	AC100V, 120V, 200V, or 220V+/-10%, 50/60Hz
Power Consumption	Approx. 20VA
Operating Condition	-10 to +40D. Celsius (+14 to +104D. Fahrenheit) within 85%RH (Non-condensation)
Weight	Approx. 2.7kg (5.95 lb)
Interface	SI/F (Standard), RS-232C (option)
Accessories	AC power cable (2m), Fuse, Control Connector, Load cell Connector, Terminal Connector (5pcs), Ink Ribbon Cassette, (1) Roll Paper, Capacity Seal, Operation Manual