

High-Accuracy/Fast Response in 56 mm width of top class in the industry.

Features

- Realized a high-accuracy weighing with min. resolution (0.001g). (UF-620)
- Display resolution 1mg at 5% capacity.: approx. 0.4 sec, Weighing renewal rate at max.100 times/sec, Fast response (UF-620)
- Dust-proof and water-proof: All enclosure is made with stainless steel
- IP65 standards compliant, implement water-proof connector (Optional)
- Able to output data directly to PLC or PC

Common specifications

- Tare Zero to Full weighing range
- Span adjustment Manual operation Span Adjustment with external calibration weight
- Ingress Protection Rating IP65 *4
- Power source DC +24V $\pm$ 10%, 0.1A
- Interface Half duplex RS485, Full duplex RS232C 1200 to 38.4kbps



UF-620
(Weigh Platter is an option.)

Model name	UF-620	UF-1200	UF-3200	UF-8000
Capacity	620g	1200g	3200g	8000g
Readability (d)	1mg(0.001g) *1	1mg(0.001g) *1	10mg(0.01g) *1	10mg(0.01g) *1
Repeatability	1mg(0.001g)	1mg(0.001g)	10mg(0.01g)	10mg(0.01g)
Linearity	$\pm$ 2mg(0.002g)	$\pm$ 3mg(0.003g)	$\pm$ 20mg(0.02g)	$\pm$ 30mg(0.03g)
Stabilization time	0.4 sec. *2	0.4 sec. *2	0.4 sec. *2	0.4 sec. *2
Data updating interval (max.)	Max 106 times/sec. *3	Max 106 times/sec. *3	Max 106 times/sec. *3	Max 106 times/sec. *3
Dimensions(WDH)	56x230x85mm	56x230x95mm		
IP Rating	IP65 *4	×	IP65 *4	×
Exterior	All stainless steel			

*1 Selectable among 0.001g/0.002g/0.005g/0.01g/0.02g

*2 In case of load of 5% of full capacity with smallest read-out

*3 When connecting with display unit, max.50t times/sec.

*4 With optional water proof connector cable

*5 Selectable among 0.01g/0.02g/0.05g/0.1g/0.2g

Options

Models	Option name
UD-1	Display unit
UF WPAN	Weighing pan
UF CB	Connector cable (10m)
UF WPCB	Water proof connector cable (10m)

Display Unit

Model	UD-1
Display	LCD with Back-light
Power source	DC +24V $\pm$ 10%, 0.1A
Dimensions(WDH)	144x130x72mm
Weight	Approx. 700g
Option	AC adapter (100 -240V) Cable between unit and the display(3m, 4.5m, 10m) BCD output



Counting Mode

Percent Mode

Carat Mode

Monme Mode

Coefficient Mode

Specific Gravity Mode

Animal weighing mode

Statistic Calculation Mode

Stand-by Function

Switching function for min. readability

Display function for actual readability

Switching of Scale range

Double Range

Direction key

Comparator Function

Add/Accumulate Function

Bar Graph Display

Built-in Calibration Weight

RS-232C Output

Printer Output

SO/GLP/GMP corresponding print

Clock/Calendar Function

Buzzer Alarm

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