V_ÎBRA®

Specifications

FS series

10 361163										
Model name	FS 623	FS 3202	FS 6202	FS 15001	FS 30K0.1G	FS 60K0.1G	FS 100K1G	FS 200K1G	FS 150K1GF	FS 300K1GF
Capacity	620g	3200g	6200g	15000g	30kg	60kg	100kg	200kg	150kg	300kg
Readability (d)	0.001g	0.01g	0.01g	0.1g	0.1g	0.1g	1g	1g	1g	1g
Verification intervals (e)	0.01g	0.1g	0.1g	1g	1g	1g	10g	10g	10g	10g
Pan size	140mm dia		190×190 mm		310×330 mm		380×530 mm		800×6	00 mm
Repeatability	0.001g	0.01g	0.01g	0.1g	0.1g	0.1g	1g	1g	0.7g	0.8g
Non-Linearity	±0.002g	±0.02g	±0.02g	±0.2g	±0.1g	±0.2g	±2g	±2g	±3g	±5g
Calibration	by external weight									
Common specifications Ontions are not available together at the same time. Please see our websit							e our website or			

IP protection rating 65

OIML & EC approval class 2

Measuring system : tuning-fork frequency system Power supply : AC adaptor and dry-cell battery *1

Output1 : RS232C or option connector

Output2 : RS232C

Indicator : i02 or i03 selectable *2 model name with i02: FS 623-i02

model name with i03: FS 623-i03

Display : Back-lit LCD Scale cable length : 5m for FS 150K1GF and 300K1GF. 1m for all other models. *3

FS-OX(S): Communication option box (S) FS-OX(M): Communication option box (M)

FS-TI:

FS-SC :

FZ series 🔀

Model name	FZ 623Ex	FZ 3202Ex	FZ 6202Ex	FZ 15001Ex	FZ 30K0.1GEx	FZ 60K0.1GEx	FZ 100K1GEx	FZ 200K1GEx	FZ 150K1GFEx	FZ 300K1GFEx
Capacity	620g	3200g	6200g	15000g	30kg	60kg	100kg	200kg	150kg	300kg
Readability (d)	0.001g	0.01g	0.01g	0.1g	0.1g	0.1g	1g	1g	1g	1g
Verification intervals (e)	0.01g	0.1g	0.1g	1g	1g	1g	10g	10g	10g	10g
Pan size	140mm dia		190×190 mm		310×330 mm		380×530 mm		800×6	00 mm
Repeatability	0.001g	0.01g	0.01g	0.1g	0.1g	0.1g	1g	1g	0.7g	0.8g
Non-Linearity	±0.002g	±0.02g	±0.02g	±0.2g	±0.1g	±0.2g	±2g	±2g	±3g	±5g
Calibration	by external weight									

Common specifications

ATEX approval ll 1 G Ex ia llB T4 Ga

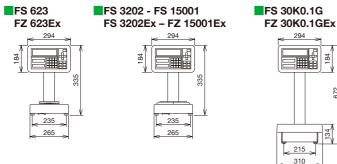
IP protection rating 65

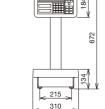
OIML & EC approval class 2

Measuring system : tuning-fork frequency system Power supply : Power supply box attached as standard Output1 : RS232C or option connector

- Output2 : N/A
- Indicator : i02 or i03 selectable *2 model name with i02: FZ 623Ex-i02 model name with i03: FZ 623Ex-i03
- Display: LCD without back-lit Scale cable length : 5m for FZ 150K1GFEx and 300K1GFEx.
- 1m for all other models. *3
- Power supply cable : 5m. *4 *1 D type (USA), R20 and LR20 (IEC category) are available. *2 Not changeable after delivery
- *3 "scale cable" is cable between platform and indicator.
- *4 "power supply cable" is cable between indicator and power supply box. *5 Please contact local distributor in case you need more than 70m length.

Dimensions





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Please see our website when you need drawing in electric format. The contents of this catalogue are subject to change due to modifications and/or other reasons

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Options "Some options are not available together at the same time. Please see our website or contact distributor for detail.

FS-RS : additional RS232C output

contact distributor for detai FS-RS : additional RS232C output

: Extended scale cable (per 5m, max.30m)

FS-R4: RS422A output

FS-LM : Relav contact TCP/IP output

FS-DS: display stand

FS-PK: Pole stand

- FS-R4: RS422A output
- FS-LM : Relay contact
- TCP/IP output : display stand FS-TI:
- FS-DS :
- FS-PK : Pole stand
- FS-SC : Extended scale cable (per 5m, max.30m) FZ-PC : Extended power supply cable (per 5m, max.70m) *5

FS-WS : Windshield for FZ 623Ex (S, M, L. Three sizes selectable)

FZ-PX(M) : Power supply box (M)



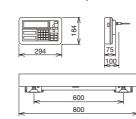
Tuning-fork weighing cell

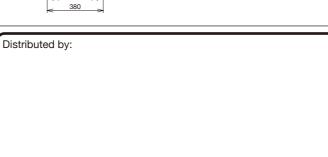
FS 60K0.1G - FS 200K1G FZ 60K0.1GEx - FZ 200K1GEx

<u>چر: لے زیچا</u>

300

FZ 150K1GFEx, FZ300K1GFEx

















High Precision Weighing for Every Process in Manufacturing





SHINKO DENSHI CO., LTD.

Sophisticated weighing solution for lab professionals



Large capacity, max. 300kg High resolution up to 620,000 divisions IP protection 65

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FS 3202, 6202

& 15001

FS 150K1GF & 300K1GF (Platform size 800 x 600mm)

High Capacity and High Precision – Two in One

FS series attains high capacity and high precision in single unit. With FS 300K1GF model, you can measure up to 300KG with 1g readability, which satisfies two demands in single unit, high capacity and high resolution.

Unique technology "tuning-fork" sensor enables "two-in-one" feature. This unique technology also ensures excellent weighing performance and long-term stability even in tough condition.

(optional windshield)

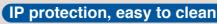
FS 60K0.1G, 100K1G & 200K1G

FS 623

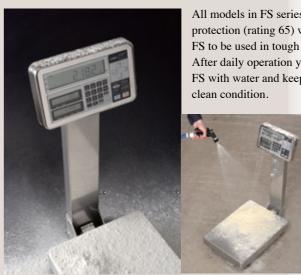
Reliable measurement for every process in manufacturing

FS series helps your daily weighing operation in every process in manufacturing line. With weighing range from 620g to 300kg and minimum read-out 1mg, FS can cover every process, in-bound material control, production, inspection and out-bound control, etc...











II 1 G Ex ia IIB T4 Ga

Weighing operation must be often carried out in hazardous area in industry like pharmaceutical,

aloma-chemicals, etc...We offer Ex models as FZ series with category 1G (zone 0, 1 and 2). All advantages such as "two-in-one", IP protection, excellent weighing performance are available in FZ series.

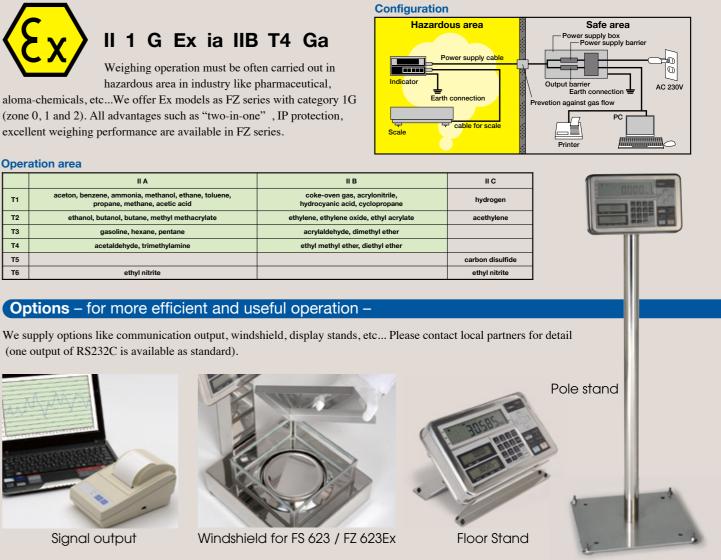
Operation area

	II A	
T1	aceton, benzene, ammonia, methanol, ethane, toluene, propane, methane, acetic acid	coke-oven g hydrocyanic a
T2	ethanol, butanol, butane, methyl methacrylate	ethylene, ethylene
Т3	gasoline, hexane, pentane	acrylaldehyde
T4	acetaldehyde, trimethylamine	ethyl methyl e
T5		
T6	ethyl nitrite	

Options – for more efficient and useful operation –

(one output of RS232C is available as standard).





Signal output

Selectable indicator

You can choose one of two indicators, i02 type and i03 type. i03 type has two sub-displays in which two additional information can be indicated (tare weight, gross weight, lower and upper limit, etc..) It make weighing operation easier and more comfortable.

All models in FS series have IP protection (rating 65) which allows FS to be used in tough environment. After daily operation you can wash FS with water and keep balance in

Hazardous use, FZ series