

SECTION 2.1 SHINKO DENSHI "VIBRA" BALANCES

2.1.1 SJ SERIES



COMPACT CLASS II APPROVED HIGH RESOLUTION BALANCE

- Mono-metal tuning-fork sensor (mmts) with 5 year warranty.
- Resolution up to 1:62,000. 20 step bar graph display.
- 10 weighing units including ct, dwt, ozt and gn.
- When e ≠ d machine not legal for direct sales to the public.



MODEL	CAPACITY g	DIVISION (d) g	APPROVED DIVISION (e) g	PLATE mm	PRICE £
SJ-220CE	220	0.01	0.01	140 dia	445.00
SJ-420CE	420	0.01	0.01	140 dia	445.00
SJ-620CE	620	0.01	0.1	140 dia	445.00
SJ-2200CE	2200	0.1	0.1	180 x 160	445.00
SJ-4200CE	4200	0.1	0.1	180 x 160	475.00
SJ-6200CE	6200	0.1	1	180 x 160	475.00
SJ-12KCE	12000	1	1	180 x 160	475.00
EXTRAS	Built in Rechargeable Battery				75.00
	RS232				80.00
	Under-weighing Hook				20.00

2.1.2 AJ SERIES



MID RANGE CLASS I & II APPROVED HIGH RESOLUTION BALANCE

- Mono-metal tuning-fork sensor (mmts) with 5 year warranty.
- Resolution up to 1:620,000. 20 step bar graph display
- 11 weighing units including ct, dwt, ozt and gn.
- Windshield (as shown) standard on 1mg division models.
- When e ≠ d machine not legal for direct sales to the public.
- * Class I approved, verification on site only.



MODEL	CAPACITY g	DIVISION (d) g	APPROVED DIVISION (e) g	PLATE mm	PRICE £
AJ-220CE	220	0.001	0.01	118 dia	585.00
AJ-420CE	420	0.001	0.01	118 dia	655.00
AJ-620CE	620	0.001	0.01	118 dia	760.00
AJ-820CE*	820	0.01	0.01	170 x 142	485.00
AJ-2200CE	2200	0.01	0.1	180 x 160	599.00
AJ-4200CE	4200	0.01	0.1	180 x 160	665.00
AJ-6200CE*	6200	0.01	0.1	180 x 160	775.00
AJ-8200CE	8200	0.1	1	180 x 160	520.00
AJ-H-220CE	220	0.001	0.01	118 dia	685.00
AJ-H-620CE	620	0.001	0.01	118 dia	860.00
AJ-H-2200CE	2200	0.01	0.1	180 x 160	699.00
AJ-H-4200CE	4200	0.01	0.1	180 x 160	765.00
EXTRAS	Density Measurement Kit				395.00
	Built in Rechargeable Battery				75.00
	Under-weighing Hook				15.00

Prices include delivery but exclude VAT and stamping fees (unless stated)

UWE	SHINKO	WHITE BIRD	FM	FURI	OHAUS	KERN	SOEHNLE	MISC	CRANE	MEDICAL
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2.1.3 LN SERIES



HEAVY DUTY CLASS II APPROVED HIGH RESOLUTION BALANCE

- Mono-metal tuning-fork sensor (mmts) with 5 year warranty.
- Up to 1:620,000 resolution.
- Aluminium die cast housing.
- Bar graph display.
- Statistic function ideal for quality control and average weight applications.
- Windshield standard on 1mg division models.
- Other versions with internal calibration and different capacities available.
- When e ≠ d machine not legal for direct sales to the public.
- LN-R versions are supplied verified.
- * Class I approved, verification on site only.



MODEL	CAPACITY g	DIVISION (d) g	APPROVED DIVISION (e) g	PLATE mm	PRICE £
LN-223CE	220	0.001	0.01	140 x 120	790.00
LN-623CE	620	0.001	0.1	140 x 120	1055.00
LN-2202CE	2200	0.01	0.1	200 x 200	790.00
LN-4202CE	4200	0.01	0.1	200 x 200	930.00
LN-6202CE *	6200	0.01	0.1	200 x 200	1140.00
LN-8201CE	8200	0.1	1	200 x 200	1020.00
LN-15001CE	15000	0.1	1	200 x 200	1095.00
LN-623RCE	620	0.001	0.1	140 x 120	1235.00
LN-2202RCE	2200	0.01	0.1	200 x 200	965.00
EXTRAS	Built in Rechargeable Battery				210.00
	Under-weighing Hook				15.00

2.1.4 HJK SERIES



STAINLESS STEEL SCALE CLASS II APPROVED HIGH RESOLUTION BENCH/FLOOR SCALE

- All stainless steel housing with IP65 rating.
- Up to 1:330,000 resolution
- Indicator can be mounted on base, remotely or on column (extra).
- Multiple weighing units including ct, dwt, ozt & gn.
- Bar graph display.
- When e ≠ d machine not legal for direct sales to the public.
- Other capacities available.



MODEL	CAPACITY g	DIVISION g	APPROVED DIVISION g	PLATE mm	PRICE £
HJ-17KSCE	17000	0.1	1	400 x 350	1865.00
HJ-33KSCE	33000	0.1	1	400 x 350	2445.00
HJ-62KDSCE	6000/62000	0.1/1	1	400 x 350	2445.00
EXTRAS	Built in Rechargeable Battery				465.00
	Under-weighing Hook				140.00
	Pole Kit				90.00

Prices include delivery but exclude VAT and stamping fees (unless stated)

UWE	SHINKO	WHITE BIRD	FM	FURI	OHAUS	KERN	SOEHNLE	MISC	CRANE	MEDICAL
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2.1.5 HTR SERIES



CLASS I APPROVED ANALYTICAL BALANCE

- Verification on site only.
- 40 step bar graph display.
- Up to 1:2,200,000 resolution.
- Anti-electrostatic 360 degree transparent wind shield.
- Multiple weighing units including ct, dwt, ozt & gn.



MODEL	CAPACITY g	DIVISION mg	PLATE mm	PRICE £
HT 84RCE	80g	0.1	80 dia	1140.00
HT 124RCE	120g	0.1	80 dia	1155.00
HT 224RCE	220g	0.1	80 dia	1280.00
EXTRAS	Density Determination Kit			395.00

2.1.6 CJ SERIES



STAINLESS STEEL IP RATED CLASS II APPROVED BALANCE

- Class II EC approval up to 82,000 divisions, e=d.
- Stainless steel top housing and plate.
- 11 weighing units including ct, dwt, ozt & gn.



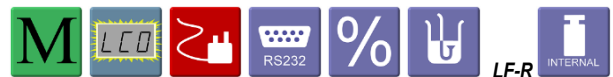
MODEL	CAPACITY g	DIVISION g	PLATE mm	PRICE £
CJ-320CE	320	0.01	140 dia	755.00
CJ-820CE	820	0.01	140 dia	855.00
CJ-3200CE	3200	0.1	190 x 190	775.00
CJ-8200CE	8200	0.1	190 x 190	875.00
CJ-15KCE	15000	1	190 x 190	755.00
EXTRAS	Under-weighing Hook			15.00
	Dry Cell Battery			55.00

2.1.7 LF SERIES



CLASS I APPROVED HIGH RESOLUTION ANALYTICAL BALANCE

- Electro-magnetic force compensation sensor.
- Windshield with cross over action allowing opening both sides with one hand
- LF-225DR CE dual range model stock item other models available on special order.
- Up to 1:2,200,000 resolution.



MODEL	CAPACITY g	DIVISION mg	PLATE mm	PRICE £
LF-225DR CE	92 / 220	0.01 / 0.1	80 dia	2765.00
LF-124R CE	120	0.1	80 dia	1845.00
LF-224R CE	220	0.1	80 dia	1755.00
LF-124 CE	120	0.1	80 dia	1615.00
LF-224 CE	220	0.1	80 dia	1555.00
EXTRAS	Density Measurement Kit			395.00

Prices include delivery but exclude VAT and stamping fees (unless stated)

UWE	SHINKO	WHITE BIRD	FM	FURI	OHAUS	KERN	SOEHNLE	MISC	CRANE	MEDICAL
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2.1.8 FS SERIES



i02 Indicator



i03 Indicator

APPROVED STAINLESS STEEL IP65 HIGH RESOLUTION BENCH AND FLOOR SCALES

- Resolution up to 620,000 divisions
- External calibration. Date and time.
- Two RS232 outputs.
- 4 x D dry batteries for portage use.
- Scale cable: 5m for the FS 150K1GF and 300K1GF. 1m for all other models.
- Available with either the i02 or i03 indicators.



MODEL	CAPACITY g	DIVISION g	APPROVED DIVISION g	PLATE mm	PRICE £
FS623-i02	620	0.001	0.01	140 dia	3315.00
FS3202-i02	3200	0.01	0.1	190 x 190	2940.00
FS6202-i02	6200	0.01	0.1		3155.00
FS15001-i02	15000	0.1	1		2940.00
FS30K0.1G-i02	30kg	0.1	1	530 x 380	3755.00
FS60K0.1G-i02	60kg	0.1	1		3915.00
FS100K1G-i02	100kg	1	10		3955.00
FS200K1G-i02	200kg	1	10		4075.00
FS150K1GF-i02	150kg	1	10	800 x 600	6025.00
FS300K1GF-i02	300kg	1	10		6350.00
FS623-i03	620	0.001	0.01	140 dia	3635.00
FS3202-i03	3200	0.01	0.1	190 x 190	3265.00
FS6202-i03	6200	0.01	0.1		3475.00
FS15001-i03	15000	0.1	1		3265.00
FS30K0.1G-i03	30kg	0.1	1	530 x 380	4075.00
FS60K0.1G-i03	60kg	0.1	1		4245.00
FS100K1G-i03	100kg	1	10		4245.00
FS200K1G-i03	200kg	1	10		4405.00
FS150K1GF-i03	150kg	1	10	800 x 600	6350.00
FS300K1GF-i03	300kg	1	10		6675.00

Prices include delivery but exclude VAT and stamping fees (unless stated)

UWE	SHINKO	WHITE BIRD	FM	FURI	OHAUS	KERN	SOEHNLE	MISC	CRANE	MEDICAL
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2.1.9 ALE SERIES



CLASS I & II APPROVED HIGH RESOLUTION BALANCE

- Tuning-fork frequency sensor.
- Resolution up to 1:1,200,000.
- Three configurable function keys.
- Windshield (as shown) standard on 1mg division models.
- When $e \neq d$ machine not legal for direct sales to the public.
- * Class I approved, verification on site only.



OPTIONAL

ALE-R

INTERNAL

MODEL	CAPACITY g	DIVISION (d) g	APPROVED DIVISION (e) g	PLATE mm	PRICE £
ALE-223	220	0.001	0.01	118 dia	620.00
ALE-323	320	0.001	0.01	118 dia	655.00
ALE-623	620	0.001	0.01	118 dia	805.00
ALE-1203*	1200	0.001	0.01	118.dia	1075.00
ALE-1502	1500	0.01	0.1	180 x 160	550.00
ALE-2202	2200	0.01	0.1	180 x 160	640.00
ALE-3202	3200	0.01	0.1	180 x 160	675.00
ALE-6202	6200	0.01	0.1	180 x 160	825.00
ALE-8201	8200	0.1	1	180 x 160	555.00
ALE-15001	15000	0.1	1	180 x 160	585.00
ALE-223R	220	0.001	0.01	118 dia	730.00
ALE-323R	320	0.001	0.01	118 dia	765.00
ALE-623R	620	0.001	0.01	118 dia	915.00
ALE-1203R*	1200	0.001	0.01	118.dia	1180.00
ALE-1502R	1500	0.01	0.1	180 x 160	655.00
ALE-2202R	2200	0.01	0.1	180 x 160	745.00
ALE-3202R	3200	0.01	0.1	180 x 160	780.00
ALE-6202R	6200	0.01	0.1	180 x 160	935.00
ALE-8201R	8200	0.1	1	180 x 160	660.00
ALE-15001R	15000	0.1	1	180 x 160	690.00

Prices include delivery but exclude VAT and stamping fees (unless stated)

UWE	SHINKO	WHITE BIRD	FM	FURI	OHAUS	KERN	SOEHNLE	MISC	CRANE	MEDICAL
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2.2 "VIBRA" INTRINSICALLY SAFE BENCH SCALES

2.2.1 FZ SERIES



	II A	II B	II C
T1	acetone, benzene, ammonia, methanol, ethane, toluene, propane, methane, acetic acid	coke-oven gas, acrylonitrile, hydrocyanic acid, cyclopropane	hydrogen
T2	ethanol, butanol, butane, methyl methacrylate	ethylene, ethylene oxide, ethyl acrylate	acetylene
T3	gasoline, hexane, pentane	acrylaldehyde, dimethyl ether	
T4	acetaldehyde, trimethylamine	ethyl methyl ether, diethyl ether	
T5			carbon disulfide
T6	ethyl nitrite		ethyl nitrite

ATEX APPROVED STAINLESS STEEL IP65 HIGH RESOLUTION BENCH AND FLOOR SCALES

- ZONE 0, 1 AND 2
- II 1 G EX IA IIB T4 GA
- Resolution up to 620,000 divisions
- External calibration. Date and time.
- Two RS232 outputs .
- Scale cable: 5m for the FZ 150K1GF and 300K1GF. 1m for all other models.
- Power supply cable: 5m.
- Available with either the i02 or i03 indicators.



MODEL	CAPACITY g	DIVISION g	APPROVED DIVISION g	PLATE mm	PRICE £
FZ623Ex-i02	620	0.001	0.01	140 dia	4575.00
FZ3202Ex-i02	3200	0.01	0.1	190 x 190	4115.00
FZ6202Ex-i02	6200	0.01	0.1		4435.00
FZ15001Ex-i02	15000	0.1	1		4115.00
FZ30K0.1GEx-i02	30kg	0.1	1	530 x 380	5495.00
FZ60K0.1GEx-i02	60kg	0.1	1		6025.00
FZ100K1GEx-i02	100kg	1	10		6355.00
FZ200K1GEx-i02	200kg	1	10		6835.00
FZ150K1GFEx-i02	150kg	1	10	800 x 600	8135.00
FZ300K1GFEx-i02	300kg	1	10		8950.00
FZ623Ex-i03	620	0.001	0.01	140 dia	5005.00
FZ3202Ex-i03	3200	0.01	0.1	190 x 190	4435.00
FZ6202Ex-i03	6200	0.01	0.1		4760.00
FZ15001Ex-i03	15000	0.1	1		4435.00
FZ30K0.1GEx-i03	30kg	0.1	1	530 x 380	5815.00
FZ60K0.1GEx-i03	60kg	0.1	1		6350.00
FZ100K1GEx-i03	100kg	1	10		6675.00
FZ200K1GEx-i03	200kg	1	10		7165.00
FZ150K1GFEx-i03	150kg	1	10	800 x 600	8465.00
FZ300K1GFEx-i03	300kg	1	10		9275.00

Prices include delivery but exclude VAT and stamping fees (unless stated)

UWE	SHINKO	WHITE BIRD	FM	FURI	OHAUS	KERN	SOEHNLE	MISC	CRANE	MEDICAL
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