

SECTION 5.1 BUDGET LAB BALANCES

5.1.1 FURI FRH SERIES



LOW COST BALANCE

- High and medium resolution models.
- 16 weighing units including dwt, ozt, ct and gn.
- Draft shield on 600g capacities.



MODEL	CAPACITY g	DIVISION g	PLATE mm	PRICE £
FRH-600H	600	0.01	115 dia	195.00
FRH-6000H	6000	0.1	180 x 170	195.00
FRH-600L	600	0.1	115 dia	125.00
FRH-6000L	6000	1	180 x 170	125.00

5.1.2 PRIS HT-FW SERIES



IP65 HIGH RESOLUTION VERSATILE BALANCE WITH DETACHABLE INDICATOR

- 600,000 internal resolution.
- Draft shield on both capacities.



MODEL	CAPACITY g	DIVISION g	PLATE mm	PRICE £
HT-300FW	300	0.01	145 x 120	195.00
HT-3000FW	3000	0.1		195.00

5.1.3 PRIS HT-NA SERIES



CLASS II APPROVED MULTI-FUNCTIONAL BENCH SCALE

- 600,000 internal resolution.
- Multiple weighing units (non-approved).
- Grams and carats approved weighing units.
- Draft shield with capacities ≤ 3000g.
- Price includes full Class II verification. For Post Code specific verification see section 18.



MODEL	CAPACITY g	RECOMMENDED NON-APPROVED DIVISION g	APPROVED DIVISION g	PLATE mm	PRICE £
HT-600NA	600	0.01	0.1	116 dia	245.00
HT-1500NA	1500	0.02	0.2		245.00
HT-3000NA	3000	0.05	0.5		245.00
HT-6000NA	6000	0.1	1	280 x 220	245.00

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

BENCH	FLOOR	COUNTING	RETAIL	PRECISION	VET & MEDICAL	CRANE
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5.1.4 KERN PCD SERIES



PRECISION BALANCE WITH REMOVABLE DISPLAY.

- Freely selectable weighing units.
- Recipe weighing function.
- Cable length to display 1.5m.



MODEL	CAPACITY kg	DIVISION g	PLATE mm	PRICE £
PCD 10K0.1	10	0.1	160 x 160	265.00
EXTRAS	Rechargeable battery			50.00

5.1.5 KERN PFB SERIES



HIGH RESOLUTION BALANCE WITH BAR GRAPH DISPLAY

- Draught shield supplied with PFB 300 & PFB 3000.



MODEL	CAPACITY g	DIVISION g	PLATE mm	PRICE £
PFB 300-3	300	0.001	80 dia	345.00
PFB 3000-2	3000	0.01	120 dia	310.00
PFB 6000-1	6000	0.1	155 x 145	250.00

SECTION 5.2 STANDARD LAB BALANCES

5.2.1 SHINKO 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-620CE	620	0.01	0.1	140 dia	445.00
SJ-2200CE	2200	0.1	0.1	180 x 160	445.00
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

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

BENCH	FLOOR	COUNTING	RETAIL	PRECISION	VET & MEDICAL	CRANE
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5.2.2 SHINKO 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 ≠ d machine not legal for direct sales to the public.



OPTIONAL ALE-R INTERNAL

MODEL	CAPACITY g	DIVISION (d) g	APPROVED DIVISION (e) g	PLATE mm	PRICE £
ALE-323	320	0.001	0.01	118 dia	655.00
ALE-623	620	0.001	0.01	118 dia	805.00
ALE-1502	1500	0.01	0.1	180 x 160	550.00
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-15001	15000	0.1	1	180 x 160	695.00
ALE-323R	320	0.001	0.01	118 dia	765.00
ALE-623R	620	0.001	0.01	118 dia	915.00
ALE-1502R	1500	0.01	0.1	180 x 160	655.00
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-15001R	15000	0.1	1	180 x 160	795.00

5.2.3 SHINKO CJ SERIES



STAINLESS STEEL IP RATED BALANCE

- Stainless steel top housing and plate.
- 11 weighing units including ct, dwt, ozt & gn.



OPTIONAL

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			20.00
	Dry Cell Battery			55.00

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

BENCH	FLOOR	COUNTING	RETAIL	PRECISION	VET & MEDICAL	CRANE
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5.2.4 SHINKO LN SERIES



HEAVY DUTY CLASS II APPROVED HIGH RESOLUTION BALANCE

- Mono-metal tuning-fork sensor (mmts) with 5 year warranty.
- Aluminium die cast housing. Up to 1:620,000 resolution.
- 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	0.01	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	Under-weighing Hook				20.00

5.2.5 SHINKO HTR SERIES



ANALYTICAL BALANCE

- 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

5.2.6 SHINKO 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
- 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

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

BENCH	FLOOR	COUNTING	RETAIL	PRECISION	VET & MEDICAL	CRANE
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5.3 HIGH CAPACITY PRECISION BALANCES

5.3.1 TOMS EXG SERIES



HIGH RESOLUTION STAINLESS STEEL BENCH SCALE

- Backlit blue LCD
- Multiple weighing units



MODEL	CAPACITY kg	DIVISION g	PLATE mm	PRICE £
EXG-30K0.1	30	0.1	330 x 260	895.00

5.3.2 SHINKO 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				95.00

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

BENCH	FLOOR	COUNTING	RETAIL	PRECISION	VET & MEDICAL	CRANE
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5.3.3 SHINKO 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.

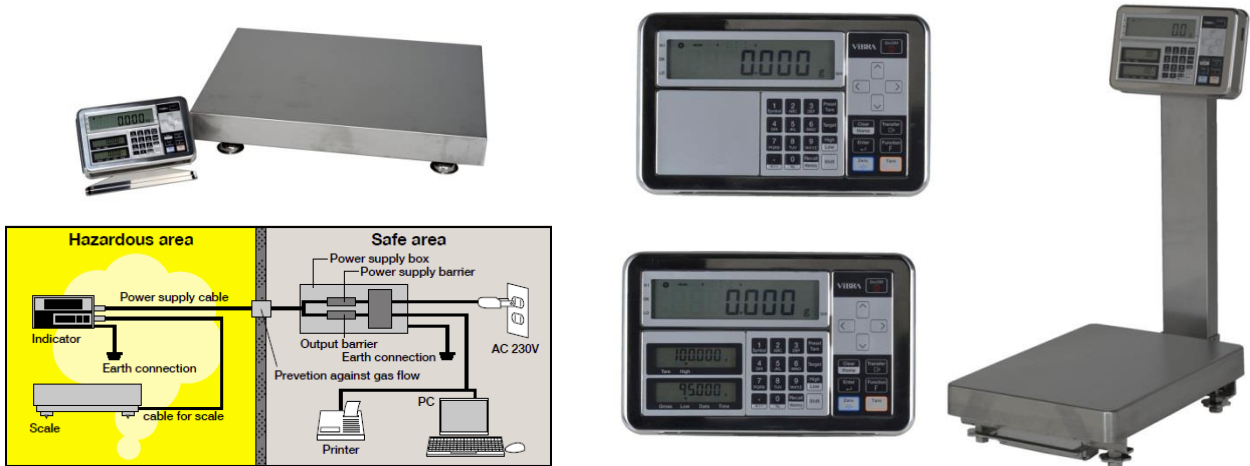


MODEL	CAPACITY g	DIVISION g	APPROVED DIVISON g	PLATE mm	PRICE £
FS623-i02	620	0.001	0.01	140 dia	3315.00
FS3202-i02	3200	0.01	0.1	190 x 190	2940.00
FS6202-i02	6200	0.01	0.1		3155.00
FS15001-i02	15000	0.1	1	530 x 380	2940.00
FS30K0.1G-i02	30kg	0.1	1		3755.00
FS60K0.1G-i02	60kg	0.1	1		3915.00
FS100K1G-i02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

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

BENCH	FLOOR	COUNTING	RETAIL	PRECISION	VET & MEDICAL	CRANE
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5.3.4 SHINKO 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	530 x 380	4115.00
FZ30K0.1GEx-i02	30kg	0.1	1		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	530 x 380	4435.00
FZ30K0.1GEx-i03	30kg	0.1	1		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)

BENCH	FLOOR	COUNTING	RETAIL	PRECISION	VET & MEDICAL	CRANE
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5.4 MOISTURE ANALYSERS

5.4.1 OHAUS MB23



COMPACT ANALYSER

- ABS housing with infrared heating.
- Manual, automatic or timed duration drying time.
- 50°C to 160°C in 5°C increments.



OPTIONAL



MODEL	CAPACITY g	DIVISION mg	REPEATABILITY (10g sample)	PLATE mm	PRICE £
MB23	110	10	0.2%	90 dia	1035.00
EXTRAS	Temperature calibration kit				268.00
	In use covers MB23				35.00
	Aluminium pans (80 pack)				27.00
	Re-useable 14mm sample pans (3 pack)				74.00

5.4.2 KERN DAB



MOISTURE ANALYSER WITH GRAPHIC DISPLAY

- 400w halogen quartz glass heater.
- Observation window.
- Memory for 15 drying programs.
- Display shows drying process activity, active heating profile, active switch-off criteria, previous drying time, current temperature and current moisture content in %.
- 5 drying processes. 50 sample plates included.



MODEL	CAPACITY g	DIVISION g	PLATE mm	PRICE £
DAB 200-2	200	0.01	92 dia	970.00

5.4.3 KERN DLB



MOISTURE ANALYSER WITH HALOGEN QUARTZ GLASS HEATER

- 35°C to 160°C in 1°C increments.
- Display shows previous measurement until replaced with new.
- 5 drying programs. Supplied with 10 sample plates.



MODEL	CAPACITY g	DIVISION g	PLATE mm	PRICE £
DLB 160-3A	160	0.001	92 dia	1180.00

5.4.4 KERN DBS



MOISTURE BALANCE WITH 400W HALOGEN QUARTZ GLASS HEATER

- Backlit LCD graphic display showing previous drying time, current temperature, units, % moisture content & drying mode.
- Date & time. 10 memories and 99 sample descriptions.
- Supplied with 10 sample plates.



MODEL	CAPACITY g	DIVISION g	PLATE mm	PRICE £
DBS 60-3	60	0.001	92 dia	1305.00

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

BENCH	FLOOR	COUNTING	RETAIL	PRECISION	VET & MEDICAL	CRANE
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