



Citizen®

ISO 9001 : 2000 CERTIFIED

Turning Technology into Solutions



www.citizenscales.com



The Citizen Group is an internationally leading technology provider covering the segments of Laboratory, Industry and jewellery. The Mumbai-based company currently employs approximately 220 Employees. The company manufactures equipment and systems featuring weighing, measurement and automation technology for laboratory and Industrial Applications. Citizen has its own in-house R & D Team & Production facilities in Mumbai-INDIA.

A 25 year old organization (year of incorporation – 1985); we say that we are **“25 years younger”**.

Citizen have global presence with more than 30 distributors worldwide.

Citizen have product certificate like NTEP, OIML, EC type approval & CE; ensure quality of our product and production process are according international standards.

Mission

Our technological know how, outstanding quality of our products and services and our global presence make Citizen one of the preferred manufacturer.

We realize ideas of our customers by providing most complex weighing requirement. Citizen will systematically expand it's global presence as innovative, customer oriented technology provider and will create long-lasting value for it's customer.



R & D



Service



Production



Production Plant I



Production Plant II



Head Office



AC-Adaptr



Weighing Pan

Round Weighing Pan for models with readability of 0.1 / 1gm, pan size 120 Ø mm

Weighing Pan

Square Weighing Pan for models with readability of 0.1 / 1gm, pan size 155 x 155mm

Unit conversion

Selectable weighing units gm, ct, dwt, oz

Compact Size

Practical for limited space

Backlit LCD display

Display with backlit for easy viewing

Battery operation

Ready for use
Batteries included.
AUTO-OFF function after 3 min without a change of load to preserve the batteries and can be switched off

Draught shield

Standard for models with readability 0.01 gm
Removable cover with pipette opening.

Mains adapter (Optional)

(power supply) can be ordered optionally

MODEL	CAPACITY	READABILITY	REPEATABILITY (sd)	LINEARITY (+/-)	PAN SIZE (mm / inch)
MP 200	200 g	0.01 gm	0.02 gm	0.02 gm	120 Ø / 4.7" Ø
MP 300	300 g	0.01 gm	0.02 gm	0.02 gm	
MP 600	600 g	0.1 gm	0.2 gm	0.2 gm	155 x 155 / 6.1" x 6.1"
MP 1000	1000 g	0.1 gm	0.2 gm	0.2 gm	
MP 1500	1500 g	0.1 gm	0.2 gm	0.2 gm	
MP 2000	2000 g	1 gm	2 gm	2 gm	
MP 3000H	3000 g	0.1 gm	0.2 gm	0.2 gm	
MP 5000	5000 g	1 gm	2 gm	2 gm	

Economical Balances



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Weighing Pan

Stainless Steel Weighing Pan for models with readability of 0.1 / 1 gm, pan size 140 x 150mm

Draught shield

Standard for models with readability 0.001 / 0.01 gm
Removable metal cover with pipette opening.
Weighing Space W x D x H
158 x 143 x 64mm

Backlit LCD display

Large weighing display
With digit height 15mm and backlit

Compact Size

Practical for limited space

Concept of easy use

All primary functions have their own key on the keypad.

Capacity bar graph

A bar lights up to show how much of the weighing range is still available.

Battery operation

Internal, as standard.
Operating time approx. 40h. Charging time approx. 12 h.

MODEL	CAPACITY	READABILITY	REPEATABILITY (sd)	LINEARITY (+/-)	PAN SIZE (mm / inch)
CZ 153	150 g	0.001 gm	0.002 gm	0.002 gm	80 / 3.14" Ø
CZ 3001	3000 g	0.1 gm	0.2 gm	0.2 gm	140 x 150 / 5.5" x 5.9"
CZ 302	300 g	0.01 gm	0.02 gm	0.02 gm	
NTEP approved Models					
CZ 602	600 g	0.01 gm	0.02 gm	0.02 gm	
CZ 1202	1200 g	0.01 gm	0.02 gm	0.02 gm	140 x 150 5.5" x 5.9"
CZ 601	600 g	0.1 gm	0.2 gm	0.2 gm	
CZ 1200	1200 g	0.1 gm	0.2 gm	0.2 gm	
CZ 6000H	6000 g	0.1 gm	0.2 gm	0.2 gm	
CZ 6000	6000 g	1 gm	2 gm	2 gm	

Economical Balances



Splash proof housing design

compact design

Ideal for limited space and its internal rechargeable battery pack

Backlit LCD display

With digit height 25mm with backlit

Stainless steel pan

Weighing pan made of rust proof stainless steel make it simple to clean

Unit conversion

Selectable weighing units gm, kg, ounce, lb

AUTO-OFF

Energy-saving mode AUTO-OFF functions after 2 mins without a change of load to preserve the battery

Battery operation

Rechargeable Internal battery as standard. Operating time approx. 80h.

Net/Gross weight

to control the consumed weighing range at the touch of a key

MODEL	CAPACITY	READABILITY	REPEATABILITY (sd)	LINEARITY (+/-)	PAN SIZE (mm / inch)
CTL 3	3 kg	1 gm	1 gm	2 gm	230 x 190 / 9.0" x 7.4"
CTL 6	6 kg	2 gm	2 gm	4 gm	
CTL 15	15 kg	5 gm	5 gm	10 gm	



Optional



Battery operation

Rechargeable
Internal battery
as standard.



Stainless steel scales

Models with "*" can also
be ordered made from
stainless steel

Application Programs

Piece Counting
Check weighing
Percent Weighing
Accumulation

Backlit LCD display

Large weighing display
With digit height 25mm
and backlit

Unit conversion

Selectable weighing units
gm, kg, ounce, lb

RS-232C

Optional RS-232C data
interface provides the
ideal basis for
communication.

Print Formats

Date	2008/07/22
Time	14:32
GS	1.0000kg
No.	1
Total	1.0000kg

Simple Weighing

Date	2008/07/22
Time	14:33
GS	1.0000kg
U.W.	100.01 g/p
PCS	10pcs
No.	1
Total	10pcs

Piece Counting

MODEL	CAPACITY	READABILITY	REPEATABILITY (sd)	LINEARITY (+/-)	PAN SIZE (mm / inch)
CTG 3*	3 kg	0.1 gm	0.2 gm	0.2 gm	230 x 300 / 9.0" x 11.8"
CTG 6*	6 kg	0.5 gm	1 gm	1 gm	
CTG 6H+	6 kg	0.1 gm	0.2 gm	0.2 gm	
CTG 8H+	8 kg	0.1 gm	0.2 gm	0.2 gm	
CTG 15H*	15 kg	0.5 gm	1 gm	1 gm	
CTG 15H+	15 kg	0.1 gm	0.2 gm	0.2 gm	
CTG 30*	30 kg	1 gm	2 gm	2 gm	
CTG 30H	30 kg	0.5 gm	1 gm	1 gm	
OIML approved Models					
CTG 6L	6 kg	2 gm	2 gm	2 gm	
CTG 15L	15 kg	5 gm	5 gm	5 gm	
CTG 30L	30 kg	10 gm	10 gm	10 gm	

* Also available in Stainless Steel

NET WT. WITH PACKING : 5.0 kgs

PACKING SIZE (cm / Inch) : 45 x 37 x 21 / 18" x 15" 9"

Counting Scales



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Backlit LCD display
For easy viewing

Quick response
Fast and accurate results

Stainless steel pan

Weighing pan made of rust proof stainless steel which makes it simple to clean

Battery operation

Rechargeable Internal battery as standard. Operating time approx. 80h.

RS-232C

Optional RS-232C data interface provides the ideal basis for communication.

Programmable using numerical key pad:

- required reference quantity
- known reference weight

Target piece

check-weighing with an alarm signal

Counting memory

adds up all individual counting operations, result is shown in total weight and total pieces

Print Formats

2000/00/00	00:00:00
S/NO:	5
Weight:	1000.4g
Unit.WT:	8.19867g
COUNT:	122 pcs

Count

2000/00/00	00:00:00
S/NO:	5
Total WT:	5000.5g
Total PCS:	244pcs

Total

MODEL	CAPACITY	READABILITY	REPEATABILITY (sd)	LINEARITY (+/-)	PAN SIZE (mm / inch)
CKG 3H	3 kg	0.1 gm	0.2 gm	0.2 gm	230 x 300 / 9.0" x 11.8"
CKG 6H	6 kg	0.2 gm	0.4 gm	0.4 gm	
CKG 15H	15 kg	0.5 gm	1 gm	1 gm	
CKG 30H	30 kg	1 gm	2 gm	2 gm	
OIML approved Models					
CKG 6L	6 kg	2 gm	2 gm	2 gm	
CKG 15L	15 kg	5 gm	5 gm	5 gm	
CKG 30L	30 kg	10 gm	10 gm	10 gm	

NET WT. WITH PACKING : 6.5 kgs

PACKING SIZE (cm / Inch) : 46 x 46 x 26 / 18" x 18" 10"



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Retail Scales



Optional



CPD series



CTP series



Stainless steel pan

Weighing pan made of rust proof stainless steel which makes it simple to clean

Battery operation

Rechargeable Internal battery as standard. Operating time approx. 80h.

Unit price entry

can be switched from Price / Kg to Price / 100 gm

Net/Gross weight

to control the consumed weighing range at the touch of a key

Backlit LCD display

For easy viewing

Programmable using numerical key pad:

Unit price entry with sound acknowledgement

Memory

Memory (PLU) for 10 article prices

Quick response

Fast and accurate results

RS-232C

Optional RS-232C data interface provides the ideal basis for communication.

MODEL	CAPACITY	READABILITY	REPEATABILITY (sd)	LINEARITY (+/-)	PAN SIZE (mm / inch)
CTP/CPD 6	6 kg	1 g	2 g	2 g	230 x 300 / 9.0" x 11.8"
CTP/CPD 15	15 kg	2 g	4 g	4 g	
CTP/CPD 30	30 kg	5 g	10 g	10 g	
OIML approved Models					
CTP/CPD 6L	6 kg	2 g	2 g	2 g	
CTP/CPD 15L	15 kg	5 g	5 g	5 g	
CTP/CPD 30L	30 kg	10 g	10 g	10 g	
NTEP approved Models					
CTP 15N	15 lb	0.005 lb	0.005 lb	0.005 lb	
CTP 30N	30 lb	0.01 lb	0.01 lb	0.01 lb	
CTP 60N	60 lb	0.02 lb	0.02 lb	0.02 lb	

NET WT. WITH PACKING : 6.50 kgs

PACKING SIZE (cm / Inch) : 61 x 46 x 26 / 24" x 18" x 10"

Shipping Scales



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Simple

To use just 4 keys

Battery operation

Rechargeable Internal battery as standard.

Net/Gross weight

to control the consumed weighing range at the touch of a key

LCD display

Large & bright weighing display for easy viewing

AUTO-OFF

Energy-saving mode
AUTO-OFF function after 5 min without a change of load to preserve the battery

Mounting

Wall Mount for display device

Portable use

Very light weight makes it possible

Battery

Battery size AA (4 x 1.5v)

MODEL	CAPACITY	READABILITY	REPEATABILITY (sd)	LINEARITY (+/-)	PAN SIZE (mm / inch)
CP 30	30 kg / 60 lb	10 g / 0.002 lb	10 g / 0.002 lb	20 g / 0.05 lb	305 x 305 / 12.0" x 12.0"
CP 60	60 kg / 120 lb	20 g / 0.05 lb	20 g / 0.05 lb	40 g / 0.1 lb	
CP 100	120 kg / 240 lb	50 g / 0.1 lb	50 g / 0.1 lb	100 g / 0.2 lb	
CP 150	150 kg / 300 lb	100 g / 0.2 lb	100 g / 0.2 lb	200 g / 0.5 lb	
CP 180	180 kg / 360 lb	100 g / 0.2 lb	100 g / 0.2 lb	200 g / 0.5 lb	

NET WT. WITH PACKING :: 5.0 kgs

PACKING SIZE (cm / Inch) : 61 x 46 x 16 / 24" x 18" x 6"



optional



Back rail

Support provided for guiding product while weighing

Red LED display

Bright Red LED display is ideal for any light environment

SMPS

Switch mode Power supply can suit any power fluctuation between AC 80v - AC 270V

Battery operation

Rechargeable Internal battery as standard. Backup time more than 30hrs.

Quick response

Fast and accurate results

RS-232C

Optional RS-232C data interface provides the ideal basis for communication.

Net/Gross weight

to control the consumed weighing range at the touch of a key

AUTO-OFF

Energy-saving mode AUTO-OFF function after 5 mins without a change of load to preserve the battery

USB

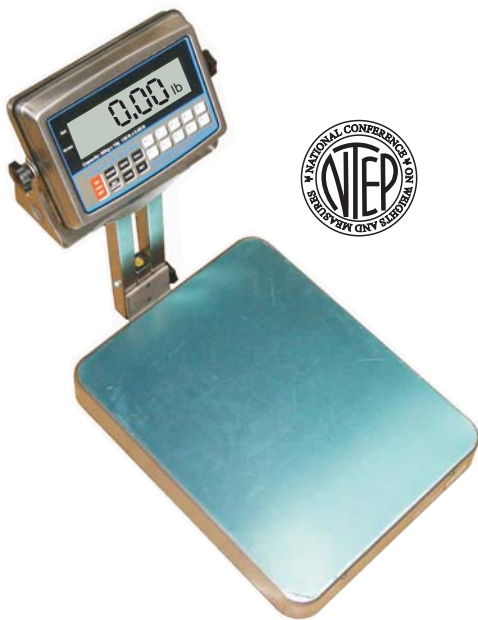
Optional USB interface

MODEL	CAPACITY	READABILITY	REPEATABILITY (sd)	LINEARITY (+/-)	PAN SIZE (mm / inch)
CTG 30	30 kg	2 gm	2 gm	4 gm	400 x 400 / 15.75" x 15.75"
CTG 60	60 kg	5 gm	5 gm	10 gm	
CTG 120	120 kg	10 gm	10 gm	20 gm	

Bench Scales (S.S.)



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Stainless steel scales

Complete Weighing scales made of Stainless steel

Battery operation

Rechargeable Internal battery as standard.

Net/Gross weight

to control the consumed weighing range at the touch of a key

Backlit LCD display

Large & bright weighing display for easy viewing

Quick response

Fast and accurate results

AUTO-OFF

Energy-saving mode
AUTO-OFF function after 5 mins without a change of load to preserve the battery

RS-232C

Optional RS-232C data interface provides the ideal basis for communication.

Indicator

Indicator made of Stainless Steel, adaptable to food, pharma, chemical environment

MODEL	CAPACITY	READABILITY	REPEATABILITY (sd)	LINEARITY (+/-)	PAN SIZE (mm / inch)
OIML approved Models					
CW 30L	30 kg	5 g	5 g	5 g	290 x 360
CW 60L	60 kg	10 g	10 g	10 g	400 x 500
CW 120L	120 kg	20 g	20 g	20 g	
NTEP approved Models					
CW 30N	15 kg / 30 lb	5 g / 0.01 lb	5 g / 0.01 lb	5 g / 0.01 lb	450 x 350 x 80 / 18" x 14" x 3.2"
CW 60N	30 kg / 60 lb	10 g / 0.02 lb	10 g / 0.02 lb	10 g / 0.02 lb	
CW 150N	75 kg / 150 lb	20 g / 0.05 lb	20 g / 0.05 lb	20 g / 0.05 lb	
CW 300N	150 kg / 300 lb	50 g / 0.1 lb	50 g / 0.1 lb	50 g / 0.1 lb	

GROSS WT. / VOLUME WT. : 15.5kgs

PACKING SIZE (cm / Inch) : 77 x 51 x 31 / 30" x 20" x 12"



Optional



Stainless steel pan

Weighing pan made of rust proof stainless steel which makes it simple to clean

Battery operation

Rechargeable Internal battery as standard. Operating time approx. 80h.

Backlit LCD display

Large weighing display With digit height 25mm and backlit

Unit conversion

Selectable weighing units gm, kg, ounce, lb

Application Programs

Piece Counting
Check weighing
Animal Weighing

Washdown

housing design

RS-232C

Optional RS-232C data interface provides the ideal basis for communication.

MODEL	CAPACITY	READABILITY	REPEATABILITY (sd)	LINEARITY (+/-)	PAN SIZE (mm / inch)
CTB 30	30 kg / 60 lb	5 gm / 0.01 lb	5 gm	10 gm	420 x 520 / 16.5" x 20"
CTB 60	60 kg / 120 lb	5 gm / 0.01 lb	5 gm	10 gm	
CTB 60H	60 kg / 120 lb	1 gm / 0.002 lb	2 gm	2 gm	
CTB 150	150 kg / 300 lb	10 gm / 0.02 lb	10 gm	20 gm	
CTB 300	300 kg / 600 lb	20 gm / 0.05 lb	20 gm	40 gm	
CTB 600	600 kg / 1200 lb	50 gm / 0.1 lb	50 gm	100 gm	
CTB 750	750 kg / 1500 lb	200 gm / 0.5 lb	200 gm	400 gm	800x600 / 31" x 23.6"
OIML approved Models					
CTB 30L	30 kg	10 gm	10 gm	10 gm	420 x 520 / 16.5" x 20"
CTB 60L	60 kg	20 gm	20 gm	20 gm	
CTB 150L	150 kg	50 gm	50 gm	50 gm	
CTB 300L	300 kg	100 gm	100 gm	100 gm	
CTB 600L	600 kg	200 gm	200 gm	200 gm	800x600 / 31" x 23.6"
CTB 750L	750 kg	500 gm	500 gm	500 gm	750x750 / 29.5" X 29.5"

Crane Scales



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Capacity 1T - 5T

Accurate and stable High safety and durability:

Upper ring stand with ductile cast steel made load cell is made from material whole piece with good toughness & elastic deformability tool steel for better safety characteristics.

Capacity Range : 300kg - 50Ton Accuracy up to 1/3000 safety overload 250% of the rated capacity ultimate overload 500% of the capacity super bright red led display, Clear, Bright and easy viewing.

Good supply with fast and stable display when underswinging.

Attached with battery, No wire obstacle, easy & convenient for loading.

360° swivel Hook, reliable & stable when weighing.

Standard Features

- Rugged Heavy duty design, cast Aluminium alloyed housing.
- Remote control, Heat shield (100° to 1600°)

Function

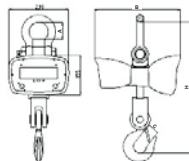
- ON/OFF, Change, Zero Set
- Display : 5 digit, 1.2" RED LED
- Zero Range : 4%FS.
- Max Safety Load : 125%FS.
- Ultimate load : 400%FS.



Anti Heat Shield

Capacity 10T - 50T

Capacity	5 Ton and over
Safe Distance	1000°C 1.5 Meters
Form Melting Objects	1200°C 1.5 Meters 1400°C 2.0 Meters 1600°C 2.5 Meters
Features	Use in high heat application



Model	A (mm)	B (mm)	C (mm)	H (mm)	Net Weight
HA 33-1T	90	280	40	580	16 kg
HA 33-2T	90	280	40	580	16 kg
HA 33-3T	90	280	40	580	16 kg
HA 33-5T	110	280	45	670	18 kg
HA 33-10T	130	280	60	700	20 kg

Power Supply

- AC 230V +10% 50-30Hz & with built-in rechargeable battery backup.

Optional

Wireless communicator :

Can be connected to Indicator JX280 or JX680

Construction

1. High special safety construction Load cell design to protect damage or in-accurate from overload : Both patented in Taiwan and U.S.A.
2. Load Cell connects to upper ring & Bottom Hook, with Non-screw safety design to prevent loosen or breakage problems.
3. Easy operated wireless remote control. (distance 15m)

Model	HA - 33													
Capacity	300 kg	600 kg	1 Ton	1.5 Ton	2 Ton	2.5 Ton	3 Ton	5 Ton	10 Ton	15 Ton	20 Ton	20 Ton	30 Ton	50 Ton
Graduation	100 gm	200 gm	200 gm	1 kg	1 kg	1 kg	1 kg	2 kg	5 kg	5 kg	10 kg	10 kg	10 kg	20 kg
Display	Rechargeable Battery 6V/10Ah. Approx 100 Hours backup time.													
Power Supply	AC 230V + 10% 50-60Hz													



Optional



Mild steel design

Complete structure made of anti slip, mild steel plate, Overall height 150 mm



Mild Steel



Stainless Steel

Stainless steel design

Complete structure and indicator made of Stainless Steel
Overall height 150 mm

Unit conversion

Selectable weighing units
gm, kg, ounce, lb

Battery operation

Rechargeable Internal battery as standard.
Operating time approx. 80h.

RS-232C

Optional RS-232C data interface provides the ideal basis for communication.

Ramp

Ramp On/Off is (optional)

Application Programs

Piece Counting
Check weighing
Animal Weighing

Four Load Cell

versatile supported,
especially shock
absorbent, even against
Transverse forces

Backlit LCD display

Large weighing display
With digit height 25mm
and backlit

MODEL	CAPACITY	READABILITY (e)	Material of Construction	PAN SIZE (mm / inch)
CTB 600 MSL	600 kg	200 gm	Mild Steel	1000 x 1000
CTB 1TS MSL	1 T	500 gm	Mild Steel	1000 x 1000
CTB 1TL MSL	1 T	500 gm	Mild Steel	1500 x 1250
CTB 2TL MSL	2 Ton	1 kg	Mild Steel	1500 x 1250
CTB 600 SSL	600 kg	200 gm	Stainless Steel	1000 x 1000
CTB 1TS SSL	1 T	500 gm	Stainless Steel	1000 x 1000
CTB 1TL SSL	1 T	500 gm	Stainless Steel	1500 x 1250
CTB 2TL SSL	2 Ton	1 kg	Stainless Steel	1500 x 1250

Ultra Flat Scales



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Stainless steel design

Complete structure and indicator made of Stainless Steel

Unit conversion

Selectable weighing units gm, kg, ounce, lb

Battery operation

Rechargeable Internal battery as standard. Operating time approx. 80h.

RS-232C

Optional RS-232C data interface, provides the ideal basis for communication.

Extremely flat

Drive-through scale, where driving on is no obstacle, 70 mm height

Ramp

Ramp On/Off is standard in Ultra Low Profile design

Application Programs

Piece Counting

Four Load Cell

Versatile supported, especially shock absorbent, even against Transverse forces

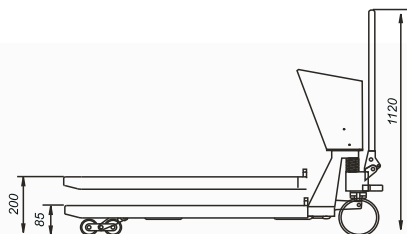
Backlit LCD display

Large weighing display With digit height 25mm and backlit

MODEL	CAPACITY	READABILITY (e)	Material of Construction	PAN SIZE (mm / inch)
CTB 600 UMSL	600 kg	200 gm	Mild Steel	1000 x 1000
CTB 1TS UMSL	1 T	500 gm	Mild Steel	1000 x 1000
CTB 1TL UMSL	1 T	500 gm	Mild Steel	1500 x 1250
CTB 2TL UMSL	2 Ton	1 kg	Mild Steel	1500 x 1250
CTB 600 USSL	600 kg	200 gm	Stainless Steel	1000 x 1000
CTB 1TS USSL	1 T	500 gm	Stainless Steel	1000 x 1000
CTB 1TL USSL	1 T	500 gm	Stainless Steel	1500 x 1250
CTB 2TL USSL	2 Ton	1 kg	Stainless Steel	1500 x 1250



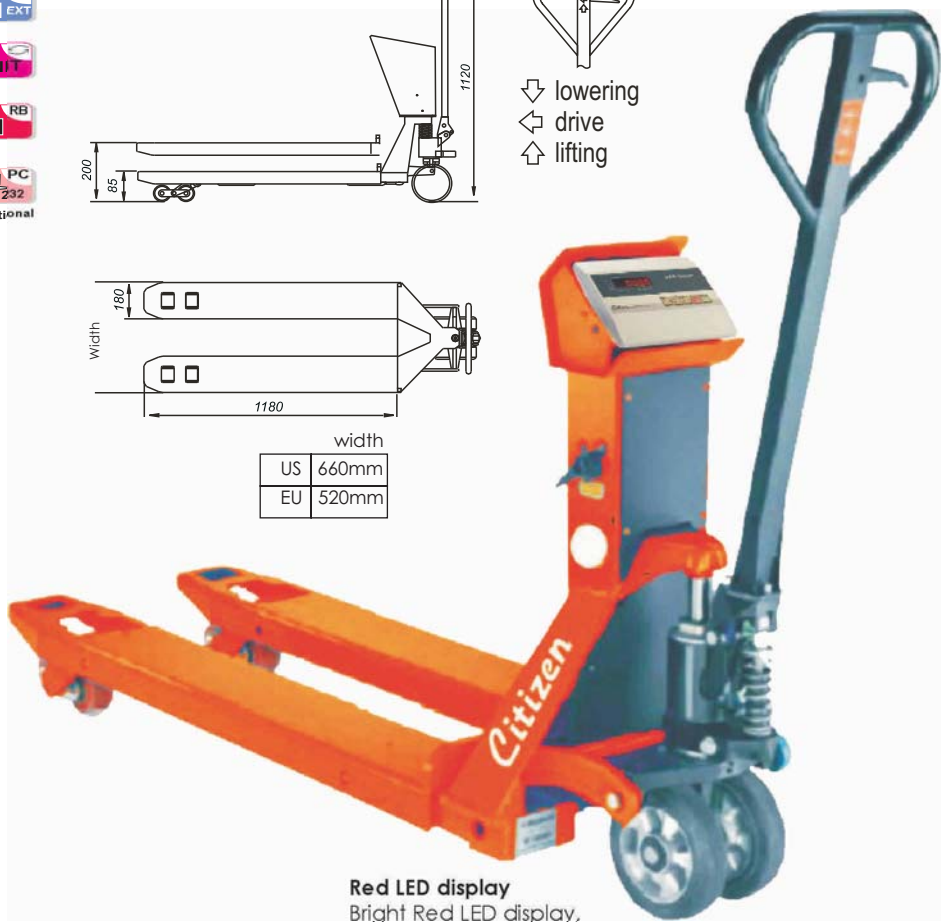
- CAL EXT
- UNIT
- RB
- PC RS 232
Optional



- ⇩ lowering
- ⇐ drive
- ⇧ lifting



	width
US	660mm
EU	520mm



Red LED display

Bright Red LED display, ideal for any light environment.

Four Load Cell

Versatile supported, especially shock absorbent, even against Transverse forces.

Battery operation

Rechargeable Internal battery as standard. Operating time approx. 30h.

Particularly robust

As the sensitive components have been relocated from the load fork into the protected housing area. It is therefore also ideal for heavy applications in the production area

Net/Gross weight

To control the consumed weighing range at the touch of a key

RS-232C

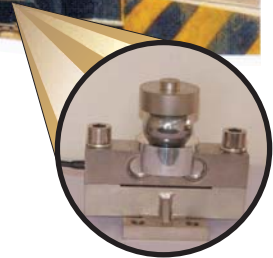
Optional RS-232C data interface provides the ideal basis for communication.

MODEL	CAPACITY	READABILITY	DIMENSION
PT 2T US	2 Ton	1 kg	1130 x 660 x 160 - 200
PT 2T EU	2 Ton	1 kg	1130 x 520 x 160 - 200

Junction Box-IP65 Class



Digital Compression Loadcell



Double Ended
Shear beam loadcell

Surge voltage protection

Offers protection for, fluctuation in power.

Load cell

Double ended shear beam load cell are made up of steel alloy and IP67 protected

RS-232C

Optional RS-232C data interface provides the ideal basis for communication.

Software

User friendly weighbridge software

Optional

Remote display
Additional software features

PLAT SIZE (Mtrs.)	CAPACITY (Ton)	Resolution (kg)	No. Of Loadcell
7.5 x 3 mts	30, 40	5	4
9 x 3 mts	30, 40, 50	5	4/ 6
12 x 3 mts	40, 50, 60	10	6
16 x 3 mts	50, 60, 80	10	6
18 x 3 mts	60, 80	10	6/ 8
18 x 3 mts	100	20	8



Its Presence :-Ideal For Food, Pharmaceutical, Dairy, Chemical, Brewing, Tobacco, Packaging, Machine, Personal Care, Telecommunication, Forwarding, Electronic, Garment, Metallurgical Industries, etc.

Designed For Control Of Packaged & Unpackaged Goods

Technology used

Advance DSP Technology With Digital Signal Filter

Based On 32 Bit High Speed CPU

High Accurate Digital Load Cell

Anti-vibration Legs With Height Adjustment

Automatic Weighing Compensation & Zero Tracking

Strong Stainless Steel Structure (S.S 304)

Graphical display with Touch Screen

Buzzer & Lamp Alarming

Printer Output

2000 Sorting Records

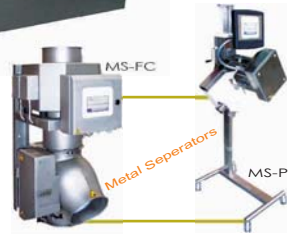
100 Products Preset

MODEL	CAPACITY	ACCURACY	REJECT SYSTEMS	IP RATING	POWER SUPPLY
ACW 200	5~200 g	± 0.2 g	Air Jet Reject / Flapper / Falling Drop / Roller with Pusher	IP 65	AC 110V / 220V 50 - 60Hz
ACW 1K	7~999 g	± 0.5 g		IP 65	
ACW 3K	10~3000 g	± 1.0 g		IP 67 / 68	
ACW 10K	50g~10 kg	± 10 g		IP 67 / 68	
ACW 40K	100g~40 kg	± 15 g		IP 66 / 67	

Metal Detectors



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Ideal For Food,
Pharmaceutical, Dairy,
Chemical, Rubber,
Brewing, Tobacco,
Personal Care, Garment,
etc.

Detects all ferrous metal &
non-ferrous metal, S.S. Etc.

Designed for control of
packaged &
unpackaged goods

Technology used

Advance DSP Technology
With Digital Signal Filter

Based On 32 Bit High
Speed CPU

High Sensitivity

High Protection degree
and new design frame

Easy Integration in existing
production lines

Strong Stainless Steel
Structure (S.S 304)

Graphical display with
Touch Screen

Buzzer & Lamp Alarming

Printer Output

2000 Sorting Records

100 Products Preset

TUNNEL WIDTH(mm)	TUNNEL HEIGHT (mm)	SENSIBILITY (dia.mm)		SENSIBILITY (dia.mm)
		Ferrous	Non-Ferrous	S.S. 304
300	80/100/120/150/180	04/0.4/0.6/0.8/0.8	0.6/0.6/0.8/1.0/1.0	1.0/1.0/1.3/1.3/1.6
350	100/120/150/180/200	0.6/0.8/0.8/0.8/1.0	0.8/1.0/1.0/1.0/1.2	1.0/1.0/1.3/1.5/1.8
400	100/120/150/180/200/250	0.6/0.8/1.0/1.0/1.0/1.3/1.6	0.8/1.0/1.2/1.2/1.5/1.8	1.3/1.3/1.6/1.8/2.0/2.3
500	120/150/180/200/250/300	1.0/1.0/1.3/1.3/1.6/1.8	1.2/1.2/1.5/1.5/1.8/2.0	1.6/1.8/1.8/2.0/2.3/2.8
600	150/200/250/300/350	1.0/1.3/1.6/1.8/2.3	1.2/1.5/1.8/2.0/2.5	1.8/2.3/2.3/2.8/3.3



PRINT FORMATS

01:	50.000 g
02:	100.000 g
03:	150.000 g
04:	200.001 g

n	4
\bar{x}	125.0003 g
s	64.5501 g
srel	51.63 %
Σx	500.001 g
min	50.000 g
max	200.001 g
Diff	150.001 g

25-Mar-2010	3:33:46

Statistic function

Weighing results can be statistically evaluated. Min. value and standard deviation as well as the total weight are automatically printed out due to built-in statistics and totalization function.

GLP / GMP

Conform documentation of your results

Simple Paper

Dot matrix printer, provides easily readable records on normal paper which lasts for years

Complete documentation

of all data including calibration, weighing results, correct date and time information

Universal RS232C

Interface allows you to attach all most any balances via RS232C Interface.

MODEL	CPR02
Features	Date, Time, statistic and totalization functions
Printer	Dot Matrix Printer
No of characters per line	24 Character
Printing Speed	Faster Than 1 line per second
Paper Type	normal Paper Roll, Wood Free Paper
Paper Size	Width: 57.5 ± 0.5mm. Core Diameter : 8mm Min.
Power Supply	AC Adapter, 100 - 270VAC, 50Hz - 60Hz
Interface	RS 232 C
Bound Rate	1200, 2400, 4800, 9600, 19200
parity	None, Space, Odd, Even
Data Bit	8 bit
Stop Bit	1
Working Temperature	5°C to 50°C, relative humidity: 10% - 80% (no condensation)
Dimensions (mm/inch) (LxWxH)	210 x 135x 88.5 / 8.30' x 5.30' x 3.50'
Net Weight / Gross Weight	2.00 kgs / 2.00 kgs
Packing Size (mm / inch)	270 x 200 x 175 / 10.62' x 7.8' x 6.90'

Weights



Citizen[®]
ISO 9001 : 2000 CERTIFIED



(Single) E2 - Stainless Steel Weights (SETS)

Part No.	Mass wt	Tolerance	Wooden Box	Certi.	Part No.	Mass weight	Certificate
117-01	1g	±0.03mg	117-01-100	100-001	118-22	1mg - 500mg	100-501
117-02	2g	±0.04mg	117-02-100	100-002	118-2g	1mg - 50gm	100-502
117-03	5g	±0.05mg	117-03-100	100-003	118-03	1mg - 100gm	100-503
117-04	10g	±0.06mg	117-04-100	100-004	118-04	1mg - 200gm	100-504
117-05	20g	±0.08mg	117-05-100	100-005	118-05	1mg - 500gm	100-505
117-06	50g	±0.10mg	117-06-100	100-006	118-06	1mg - 1kg	100-506
117-07	100g	±0.16mg	117-07-100	100-007	118-07	1mg - 2kg	100-507
117-08	200g	±0.3mg	117-08-100	100-008	118-08	1mg - 5kg	100-508
117-09	500g	±0.8mg	117-09-100	100-009	118-09	1mg - 10kg	100-509
117-11	1Kg	±1.6mg	117-11-100	100-010	114-02	1g - 50g	100-510
117-12	2Kg	±3.0mg	117-12-100	100-011	114-03	1g - 100g	100-511
117-13	5Kg	±8.0mg	117-13-100	100-012	114-04	1g - 200g	100-512
117-14	10Kg	±16mg	117-14-100	100-013	114-05	1g - 500g	100-513
117-15	20Kg	±30mg	117-15-100	100-014	114-06	1g - 1kg	100-514
117-16	50Kg	±80mg	117-16-100	100-015	114-07	1g - 2kg	100-515
117-18	100Kg	±160mg	117-18-100	100-016	114-08	1g - 5kg	100-516
					114-09	1g - 10kg	100-517

(Single) F1 - Stainless Steel Weights (SETS)

126-01	1g	±0.10mg	126-01-100	100-017	123-02	1mg - 50gm	100-518
126-02	2g	±0.12mg	126-02-100	100-018	123-03	1mg - 100gm	100-519
126-03	5g	±0.16mg	126-03-100	100-019	123-04	1mg - 200gm	100-520
126-04	10g	±0.20mg	126-04-100	100-020	123-05	1mg - 500gm	100-521
126-05	20g	±0.25mg	126-05-100	100-021	123-06	1mg - 1kg	100-522
126-06	50g	±0.3mg	126-06-100	100-022	123-07	1mg - 2kg	100-523
126-07	100g	±0.5mg	126-07-100	100-023	123-08	1mg - 5kg	100-524
126-08	200g	±1.0mg	126-08-100	100-024	123-09	1mg - 10kg	100-525
126-09	500g	±2.5mg	126-09-100	100-025	124-02	1g - 50g	100-526
126-11	1Kg	±5.0mg	126-11-100	100-026	124-03	1g - 100g	100-527
126-12	2Kg	±10mg	126-12-100	100-027	124-04	1g - 200g	100-528
126-13	5Kg	±25mg	126-13-100	100-028	124-05	1g - 500g	100-529
126-14	10Kg	±50mg	126-14-100	100-029	124-06	1g - 1kg	100-530
					124-07	1g - 2kg	100-531
					124-08	1g - 5kg	100-532
					124-09	1g - 10kg	100-533

(Single) F2 - Stainless Steel Weights (SETS)

137-01	1g	±0.3mg	137-01-100	100-030	138-22	1mg - 500mg	100-534
137-02	2g	±0.4mg	137-02-100	100-031	133-02	1mg - 50gm	100-535
137-03	5g	±0.5mg	137-03-100	100-032	133-03	1mg - 100gm	100-536
137-04	10g	±0.6mg	137-04-100	100-033	133-04	1mg - 200gm	100-537
137-05	20g	±0.8mg	137-05-100	100-034	133-05	1mg - 500gm	100-538
137-06	50g	±1.0mg	137-06-100	100-035	133-06	1mg - 1kg	100-539
137-07	100g	±1.6mg	137-07-100	100-036	133-07	1mg - 2kg	100-540
137-08	200g	±3.0mg	137-08-100	100-037	133-08	1mg - 5kg	100-541
137-09	500g	±8.0mg	137-09-100	100-038	133-09	1mg - 10kg	100-542
137-11	1Kg	±16mg	137-11-100	100-039	134-02	1g - 50g	100-543
137-12	2Kg	±30mg	137-12-100	100-040	134-03	1g - 100g	100-544
137-13	5Kg	±80mg	137-13-100	100-041	134-04	1g - 200g	100-545
137-14	10Kg	±160mg	137-14-100	100-042	134-05	1g - 500g	100-546
					134-06	1g - 1kg	100-547
					134-07	1g - 2kg	100-548
					134-08	1g - 5kg	100-549
					134-09	1g - 10kg	100-550



VRD01



Weightrack



CRD01



DISPOSABLE PANS



Temperature Kit



CDK01



W O R L D W I D E M A R K E T I N G

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