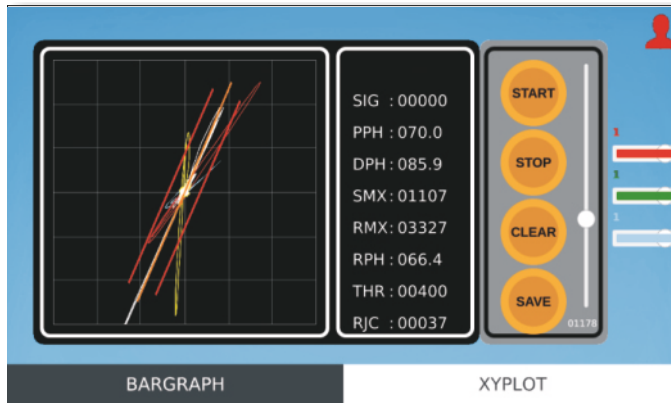


# COMBI CHECKER - COMBINATION OF METAL DETECTOR AND CHECKWEIGHER

MD GX



CW GX



- A unique combination of Metal Detector and Checkweigher
- Custom Build Solution
- Dual Rejection - for Metal Detector and Checkweigher Optionally
- Cost Effective and Space Saving Solution

## Metal Detector (SS & GX Model)

- Very High detection sensitivity
- Multilevel passwords (GX model)
- 4.5" HMI / 7" Touch Screen Display
- Intuitive graphical user interface
- Real time X-Y plot / Numerical + Graphical Display
- FDA 21 CFR Part 11 compliant (GX model)
- Ethernet connectivity for data transfer (GX model)
- Auto Product setting
- Finger print sensor (optional)
- Data can be stored up to 7 years (GX model)
- SCADA / IIoT connectivity (optional) (GX model)
- Live metal sample can be identified (GX model)

## Check Weigher (Standard & GX model)

- 7" / 10" LCD touch screen
- Modern Graphical User Interface
- FDA 21 CFR Part 11 - compliant (GX model)
- Over 5 years of data storage (GX model)
- Informative dashboard (GX model)
- Multilevel user ID (GX model)
- Multi-weight classification
- Inbuilt report generation (GX model)
- Ethernet Connectivity
- 200 product memory (Standard model), 1000 product memory (GX model)



**TECHNOFOUR ELECTRONICS PVT. LTD.**

*Leaders in Product Checking Systems*

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Combi Checker offers variety of combination between Metal Detector with different aperture sizes and Checkweigher with different weight category to accommodate large variety of Industrial applications. This combination system is designed for simultaneously detecting metal contaminants and reducing giveaway in food/Pharma products. This solution significantly reduces required line space and optimizes user control.



Maximum Weighing capacity – 10 Kg

Weighing platform size –  
500 X 440 mm (Belt width – 340mm)

Accuracy – + - 5gm

Least count – 1gm

Metal Detector coil size –  
400mm(W) X 100-400mm (H)

Metal Detection sensitivity –  
1mm Ferrous, 1.2mm Non Ferrous  
and 1.5mm SS

Note - Metal Detector coil will be mounted on entry conveyor of Combi Checker

Model	Weight range	Weighing Platform size (In milimetre)		Weighing accuracy	Least count	Metal Detector coil size Bottle / Pouch
		Bottles (Length X Width)	Pouches (Length X Width)			
Combichecker CW1200	2gm to 1kg	250 X 200 (Belt width - 135)	350 X 250 (Belt width - 180)	+/-0.2g	0.1gm	200 - 250 X 50 - 300
Combichecker CW3000	4gm to 2kg	250 X 200 (Belt width - 135)	440 X 340 (Belt width - 240)	+/-0.4g	0.2gm	200 - 300 X 100 - 400
Combichecker CW6000	10gm to 5kg	350 X 250 (Belt width - 180)	550X380 (Belt Width - 280)	+/- 2g	0.5gm	250 - 350 X 100 - 400
Combichecker CW10K	20gm to 10kg	550 X 440 (Belt width - 340)		+/- 5gm	1gm	400 X 100 - 400
Combichecker 21K	40gm to 20kg	550 X 440(Belt width - 340) / 700 X500 (Belt width - 420)		+/- 10gm	2gm	400/500 X 100 - 400

Checkweigher accuracy depends on the product, weight, speed, transport behaviour and environmental condition.

## GENERAL SPECIFICATION

- **Construction:** Stainless steel / Mild steel
- **Weighing Sensor:** Load Cell / Weigh Cell
- **Rejection Mechanism:** Air Blow / Pusher / Diverter
- **Other Attachment:** Various infeed mechanism like bottle separator, stabilizer, turn table etc. available
- **Power Requirement:** Single Phase 230V AC / 50Hz / 400VA
- **Pneumatic Requirement:** 6Kgs / cm<sup>2</sup> for all rejection mechanisms



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\* Due to continuous development, specifications subject to change without notice.