



TW-3.0

Centre of Gravity Software

The TW-3.0 Centre of Gravity Software from DLM is designed to complement DLM's TW-3.0 range of products.

It is used for calculating and visualising the centre of gravity for any objects weighed by TW-3.0 Load Cells. Up to 12 load points can be monitored and analysed dynamically within one PC display. Additionally, the entire dataset during the measurement process can be easily logged to a single CSV file for future reference.

Centre of Gravity Measurement

Settings				
Name	Load	Units	Tare	Coordinates
SAMPLE LINK1	0.000 tonne	tonne	<input type="checkbox"/>	X: -100 Y: -100
DLM7774	0.000 tonne	tonne	<input checked="" type="checkbox"/>	X: 100 Y: 100
DLM6644	0.000 tonne	tonne	<input checked="" type="checkbox"/>	X: -100 Y: 100
DLM7779	0.000 tonne	tonne	<input checked="" type="checkbox"/>	X: 100 Y: -100
DLM6730	0.000 tonne	tonne	<input checked="" type="checkbox"/>	X: 0 Y: 100
DLM6679	0.010 tonne	tonne	<input type="checkbox"/>	X: 100 Y: 0
DLM7759	0.000 tonne	tonne	<input checked="" type="checkbox"/>	X: -100 Y: 0
DLM7763	0.015 tonne	tonne	<input type="checkbox"/>	X: 0 Y: -100
		tonne	<input type="checkbox"/>	X: Y:
		tonne	<input type="checkbox"/>	X: Y:
		tonne	<input type="checkbox"/>	X: Y:
		tonne	<input type="checkbox"/>	X: Y:
		tonne	<input type="checkbox"/>	X: Y:

Control Panel	
Start Displaying	Confirmed <input type="button" value="Modify"/> <input type="button" value="Clear"/>
<input type="button" value="Stop Displaying"/>	

Data Output	
Data <input type="text"/>	<input type="button" value="Browse"/> <input type="button" value="Start Logging"/> <input type="button" value="Stop and Save"/>
Image <input type="text"/>	<input type="button" value="Browse"/> <input type="button" value="Image Saved"/>

Graph	
Centre of Gravity Coordinates: X: 28.1141 Y: -43.9279	

Features:

- Calculate and visualise the centre of gravity dynamically using up to 12 TW-3.0 Load Cells.
- Log load and CoG position values to a CSV file during the weighing process
- Save the position of the centre of gravity as an image for future references.
- Switch between 7 different weight units.
- Switch between tare weight and gross weight.

Applications:

- Container centre of gravity measuring.
- Yacht centre of gravity measuring.

Specification

Part Number:	0001-1281
Equipment Required:	Windows PC, TW-3.0-T Load Cell, TW-3.0-T Handheld, Male USB to Male Micro USB Cable.
Display Units:	Tonne, kN, KgF, Kg, lb, tonne(US), kip.
Minimum System Requirements:	Operating System: Windows 7 SP1 or above RAM: 512MB or above File Size: 11MB. CPU: 1GHz or faster processor Software Framework: Microsoft .NET Framework Version 4.7.2 or above.