

CubiCal™

THE NEW DIMENSION IN FREIGHT PROFITS

Your portable
and affordable
dim.wt solution



CubiCal PMI-15

Unlock volumetric profits with the CubiCal PMI-15



The CubiCal PMI-15 is the world's most portable and affordable system for measuring dimensional weight (dim.wt) of freight. The CubiCal PMI-15 is the first port of call for shippers and freight forwarders seeking:

Usability

Simply run the compact, hand-held CubiCal PMI-15 reader over the three axes of the parcel. Instantly it captures length, width and depth, volume and dim.wt data and displays it on the CubiCal PMI-15's in-built liquid crystal screen.

Reliability.

The CubiCal PMI-15's electronic data capture components work first time, every time, with no need for manual calculations. The CubiCal PMI-15's exclusive battery management system provides for greatly extended performance.

Functionality

Data is delivered in both metric and imperial units via IrDA to a label printer or formatted PC shipping or warehouse management system. There are default settings for a range of pre-programmable cubic conversion factors, standard pallets and cylinders that enable the CubiCal PMI-15 to complete even the most specialised measurement task.

The CubiCal PMI-15 is a product of the Certified Instrument Corporation Pty Ltd, the world leader in portable, handheld and certified dim.wt data captures devices.

To find out how your company can add the certified 'legal-for-trade' CubiCal PMI-15 to your data collection function, visit your reseller or the CubiCal website at www.cubical.com.

Data is easily captured to a label printer (pictured), PC or warehouse management system.



Run the CubiCal PMI-15 over the three axes of the package



... data is captured and passed via infra-red to the printer (no awkward cables), and



... a verification label is printed out.

CubiCal PMI-15

Specification highlights

Weight	30g (10oz)
Dimensions	Length 20.8cm (8.2"), width 11cm (4.5") and depth 3cm (1.25").
Power source	1.5 AA DC battery
Power consumption	10mA [working current], 3mA [idle current]
Operating temperature	-0°c to +60°c or 32°F to +132°F
Storage temperature	-0°c to +60°c or -13°F to +152°F
Humidity	5% to 95% condensing
Drop specification	1.2m (4') multiple drops to concrete
Host requirement	IrDA serial connector for laptop or PC system or IrDA-enabled printer with connectivity drivers installed.
Application for volumetric measure to m ³	Determination of 'equivalent mass' for charge of postage or freight. Certified use for parcels in the form of a rectangular hexahedron (a rectangular box) by applying a conversion factor to m ³
Optional barcode scanner	Special order integrated scanner available (multiple barcode choice).

Performance characteristics

Measurement captures	Metric and standard units
Measurement interval(s)	2mm (0.01") and 1cm (0.4")
Minimum measure	3.6cm (1.4")
Maximum measure	2440cm (96")
Power and reset button	Make ready for the next set of measurements or on/off
Conversion factors	Volume, dim.wt (DW). Multiple factors. Toggle with 'C' key
Liquid crystal display (LCD)	Prompts for length, width, height, volume, DW and conversion factor
Function keys. Allows menu selection and data manipulation	'X1' - multiple cartons, same size. 'R' - recall or re-do measurement. 'T' - toggle for 'off the floor' or data transfer (if configured) 'C' - toggle for metric and standard conversion (if configured) or multiple dim.wt conversion (four available) eg 167, 200, 250, 330
Features and controls (liquid crystal display)	Prompts for length, width and height; volume, scale. Shows unit of measurement and conversion functions.
Special default set-up for standard pallet, and cylinder settings	Configurable to a wide range of default size standard pallets including CHEP/Euro and cylinder measurements.
Environmental limitations	Not for storage or use in wet or dusty conditions.

Regulatory approvals

USA California State Certificate of Approval	4641-97, FCC Class A Part 15, EMC EN55022, EN 50081-1, CE
Canada	Measurement Canada - Pending - Multiple interval 3.6 cm to 185 cm 'd' 12
Australia	NSC Certificate of Approval 13/1/11
International Measurement Standard	OIML R 129.2000
Calibration	Full service available annually on extended warranty .



CubiCal PMI-15 provides comfortable ergonomic design



Easy-to-use function buttons and a bold-faced liquid crystal display.

TallyMan DWM 1828

Unlock volumetric profits with TallyMan:
just add Symbol and go!



The TallyMan DWM 1828 is a groundbreaking new accessory that enables dimensional weight data (dim.wt) to be captured on Symbol Technologies' SPT 1700, 1800 and PPT 2800 hand-held pocket computers. The TallyMan DWM 1828 is compact and portable, and attaches direct to the pocket computers.

Reliability

The rugged and compact design of the TallyMan DWM 1828 delivers exceptional value in the smallest possible package. The system is weather resistant and able to withstand a 1.2m (4') drop to concrete, ideal in tough work conditions.

Functionality

To use, simply attach the Tallyman DWM 1828 to the Symbol Technologies SPT 1700, SPT 1800 or PPT 2800 serial port. Measure the height, width and length of the package using the TallyMan DWM 1828's in-built tape measure, and the data is captured automatically on the Symbol pocket computer.

Performance

TallyMan DWM 1828 dramatically expands data capture opportunities for the transport and warehouse operator in the critical area of cubic measurement capture. The TallyMan DWM 1828 suits customers who require a mobile data capture ability that extends beyond barcode scanning to include total data capture at one point in one process.

Manageability

The TallyMan DWM 1828 can be programmed to a range of freight and transport industry-specific requirements. The system includes an easy-to-use keypad and Checkmate application software. It easily detaches to enable a magnetic stripe reader to be attached or for battery recharging. The Symbol Technologies SPT 1700, SPT 1800 and PPT 2800 pocket computers offer data capture using one- and two-dimensional bar codes, and point of activity computing (via both wireless area network [WLAN] and wireless wide area network [WWAN] connectivity). Via WWAN, users can access the internet, corporate LANs, emails and communication with remote host systems. The Symbol Technologies SPT 1700 and SPT 1800 use Palm-based operating systems, and the Symbol Technologies PPT 2800 Windows CE.

The TallyMan DWM 1828 is produced by Certified Instrument Corporation Pty Ltd, the world leader in portable, handheld and certified dimensional weight capture devices.

For more information on the application of the TallyMan DWM 1828, visit your reseller or the CubiCal website at www.cubical.com.



Simply measure the three axes using the TallyMan DWM 1828's in-built tape measure for automatic capture on the Symbol pocket computer



...and then print out the shipping label on the optional printer.

TallyMan DWM 1828

Specifications

Weight	114g (3.8oz)
Dimensions	Length 123mm (4.85"), width 88mm (3.6"), depth 40mm (1.6 ").
Power source	5VDC from Symbol Technologies SPT 1700, 1800 and PPT 2800 series of pocketable computers
Power consumption	10mA [working current] 3mA [idle current]
Operating temperature	-20°C to +50°C or -4°F to +132°F
Storage temperature	-40°C to +60°C or -13°F to +152°F
Humidity	5% to 95% condensing
Drop specification	1.2m (4') multiple drops to concrete
Host requirement	Symbol Technologies SPT 1700, 1800 and PPT 2800 pocketable computers

Performance characteristics

Measurement captures	Metric and imperial units
Measurement interval(s)	1cm (0.4") and 2mm (0.01")
Minimum measure	3cm (1.4")
Maximum measure	5.2m (16') with add function key
Standard pallet and skid settings	Configurable to a wide range of standard pallets including CHEP and Euro

Regulatory

EMI/RFI	FCC Part 15, Class B, ICES-003 Class B, EU EMC, SMA
NSC Certificate of Approval	13/1/1B
International Measurement Standard	OIML R 129.2000
Calibration	Full service available annually with resident service alerts



TallyMan's data capture components at work.

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