

## Specifications

<b>Maximum Box Size:</b>	24" x 24" x 24"
<b>Minimum Box Size:</b>	3" x 3" x 3"
<b>Capacity/Resolution:</b>	150 x 0.05 lb; 68 x 0.02kg; 2400 x 1 oz
<b>Platform</b>	
<b>Dimensions:</b>	26" W x 26" D x 5" H
<b>Overall Dimensions:</b>	30" W x 30" D x 30" H
<b>Measurement Resolution:</b>	0.1", 0.25 cm, 2 mm
<b>Measurement Accuracy:</b>	+/- 0.1", +/- 0.25 cm, +/- 2.5 mm
<b>Annunciators:</b>	Weight, Volume, lb, oz, kg, g, cm <sup>3</sup> , in <sup>3</sup>
<b>Display:</b>	Backlit LCD display, silver background with black digits and annunciators. Weight Digits - 0.53" Tall Dimension Digits - 0.45" Tall
<b>Controls:</b>	ZERO, IN/CM, LB/KG, PRINT
<b>Power:</b>	110 VAC, 50/60 Hz (230 VAC Optional)
<b>Construction:</b>	Painted Mild Steel
<b>Data Output:</b>	USB
<b>Warranty:</b>	Two Year Parts & Labor
<b>Options:</b>	- Cart with Laptop Shelf - Scale Test Weight

*Specifications subject to change without notice.*



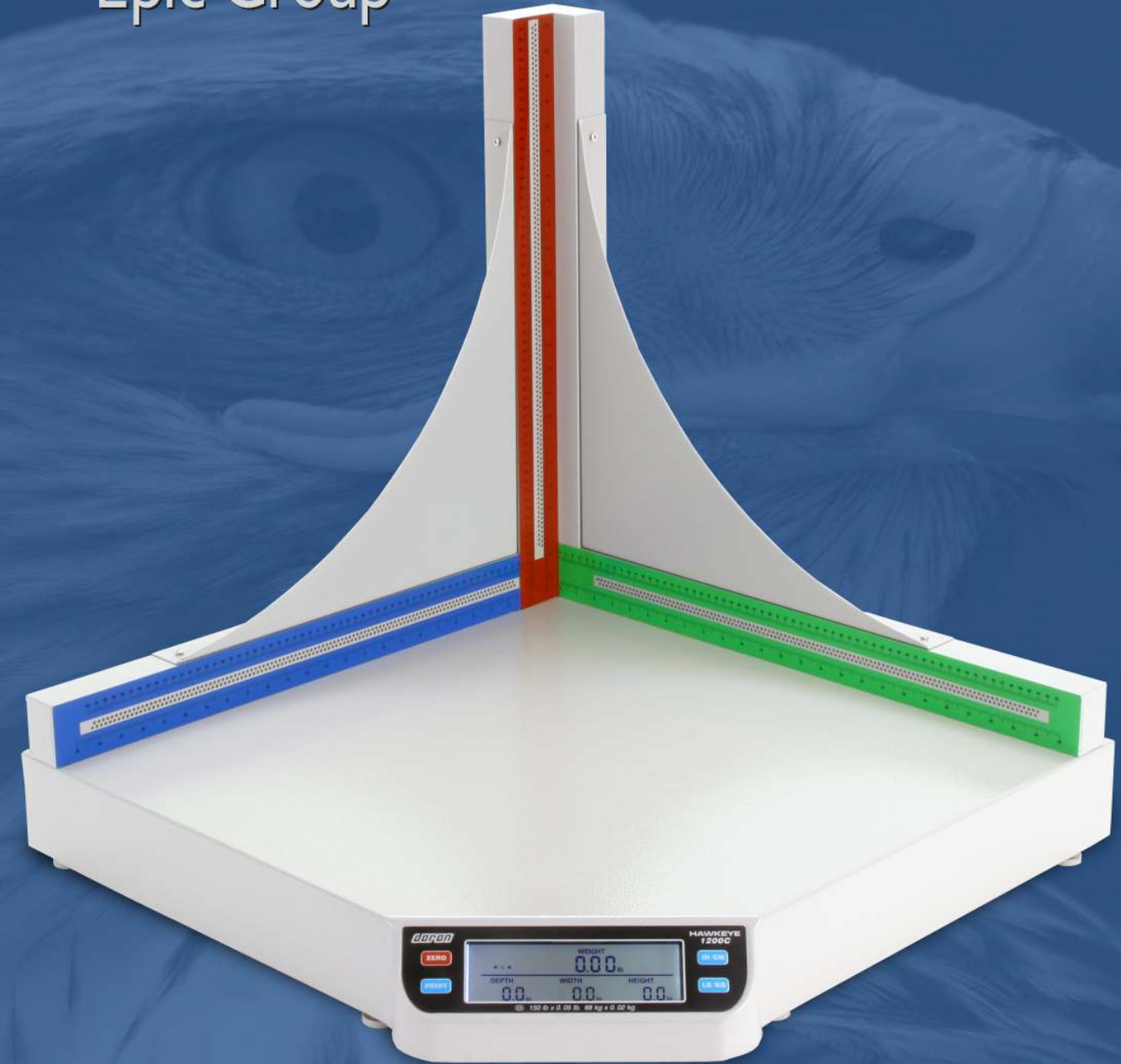
Swivel the laptop shelf and lock it in position on the optional cart. This heavy duty steel cart moves easily on the swivel casters, the rear casters are lockable.

# DORAN

Doran Scales, Inc.

In Partnership with

# Epic Group



# Hawkkeye Perfect Measure™ System



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CERTIFIED

# DORAN

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- Measures Case Weight & Three Dimensions
- Calculates and Displays Cubic Volume
- Perfect Measure PC Software
  - GDSN/GSI Data Standard Sync
  - Transportation Services Dim-Weight

Smart Design...

...Better Weighing

## Doran Scales, Inc. Hawkeye 1200C

With the new Doran Hawkeye 1200C Scale you can instantly measure the weight, dimensions and volume of any case up to 24"x24"x24" and 150 lb. All the operator has to do is position the case on the scale - the Hawkeye 1200C does the rest by calculating weight, height, width, depth, and volume and displaying the results on its bright LCD display.

The Hawkeye 1200C is designed to be used as a stand-alone cubing scale, or as an integral part of a users' data collection system. Doran has partnered our 30 years of industrial scale manufacturing experience with the software capability of the Epic Group to produce the Hawkeye Perfect Measure™ System. The result is a unique system consisting of the Hawkeye 1200C and the Perfect Measure™ Software that gives you the ultimate solution for cubing applications, built to withstand the rigors of an industrial environment, while providing data you need. Data Sync and Transportation Services users will quickly learn to rely on the accuracy, durability and versatility of the Hawkeye Perfect Measure™ System.



Weighing and dimensionalizing cartons is a snap with the Hawkeye 1200C and the Perfect Measure™ Software. The large platform can handle boxes measuring 24" x 24" x 24" and weighing up to 150 lb.

### Hawkeye 1200C Technology

The Hawkeye 1200C's unique cubing scale design includes a passive optical measurement system that provides measurement accuracy of +/- 0.1". Usable in most any light conditions, the display is readable up to 15 feet away, and the intuitive design assures that minimal operator training is required. The Hawkeye 1200C will enable users to be able to efficiently capture shipping revenues they may have missed in the past - billing cases by cubic volume as well as weight will allow users a fast pay-back on their Hawkeye Perfect Measure system investment.



The large backlit LCD displays depth, width, height, and volume in inches or centimeters.



The weight display shows the data in pounds or kilograms.

### It's Easy as 1-2-3

The fully automatic Hawkeye 1200C is fast and easy to use.

- 1) Place the case to be measured into the corner of the Hawkeye scale.
- 2) In less than a second, the display will indicate:
  - Weight
  - Height, Depth, and Width
  - Volume

The displayed data is held until the case is removed from the scale. The top line of the display alternates between weight and volume after case weight and size is acquired.

3) Data is automatically exported from the Hawkeye 1200C to the Perfect Measure™ Software.

## Epic Group Perfect Measure™ Software

The Epic Group is a technology company that excels in developing software solutions for a wide variety of applications including the consumer goods and logistics industries. As the ideal software compliment to the Hawkeye 1200C, the Epic Group applied 17 years of software development experience to develop the Perfect Measure™ Software. Epic created a Perfect Measure™ Software usable in general purpose shipping applications, as well as addressing two of the fastest growing initiatives in the global economy today - Data Synchronization and Transportation Services. Included with every Doran Hawkeye 1200C, the Perfect Measure™ Software is designed to comply with GDSN/GS1 standards, and Dim-Weights for major ground and air carriers.

### Data Synchronization (GDSN/GS1 Protocol)

Retailers demand that their suppliers provide the size, volume and weight of cased commodities to allow for adequate shipping, storage & shelf space allocation. Accurate measurements of case items are essential to avoid costly space allocation problems. In concert with the Hawkeye 1200C's precise measuring capability, Epic's Perfect Measure™ Software program provides a link to the Global Data Sync Network (GDSN), a global depository of Dim-Weight information for all commodities that is required by major retailers and buying groups.

The Perfect Measure™ Software is the ideal solution as it makes supplier's compliance with GDSN standards a snap, without the need for training in the standards themselves. Epic's software accepts the Hawkeye 1200C's Dim-Weight data and converts it to GDSN compliant data automatically, since the software program incorporates complex GDSN standards in its design.

The Hawkeye 1200C coupled with Epic's Perfect Measure™ Software is the warehouse manager's dream for the most accurate weight and dimensions possible. Using Epic's Perfect Measure™ Software, a retailer or carrier can rest assured that the Dim-Weights have come from a device with perfect measuring capability, moving both data and products where they need to be, on time, and at the right price!

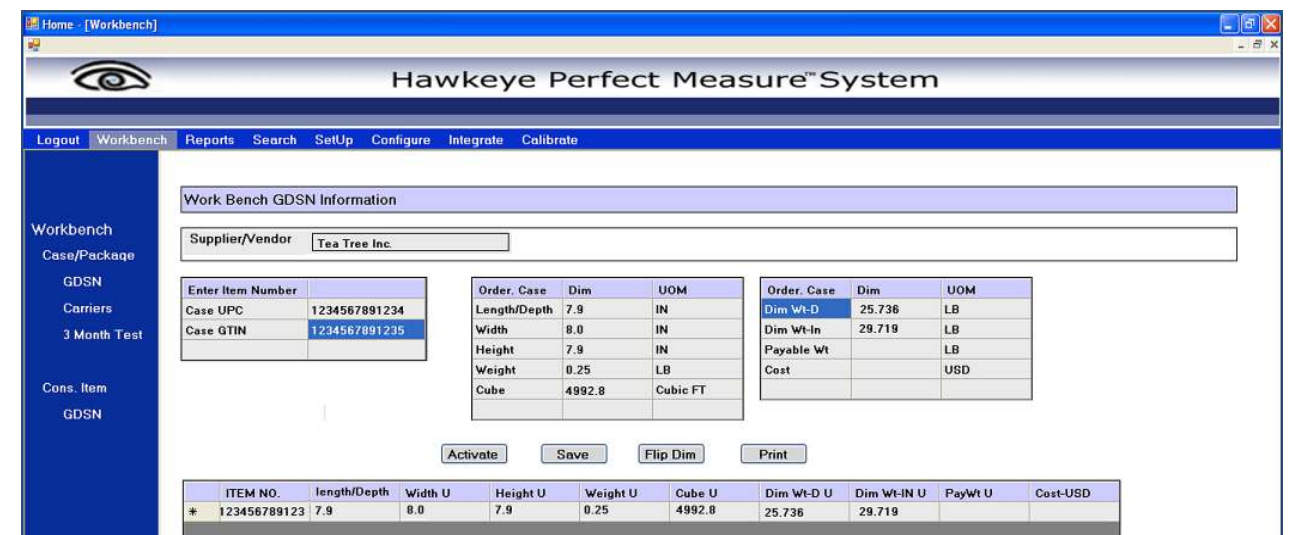
### Transportation & Material Handling Services

Weight has never been the sole criteria for calculating shipping charges. Package size is also key to determining shipment cost. Calculation of freight costs by carriers is called Dim-Weight which is calculated fast and accurately with the Hawkeye 1200C. This enables major shippers to calculate proper shipping costs for large dimension items, and to forecast truck and plane volume needs ahead of time, before a costly error is made.

Traffic managers are now aware of Dim-Weight charges since they receive quarterly invoices from their carriers for those packages or shipments that exceeded historical weight only specs. So, along with weight (w), the cost of shipping and warehousing must now consider length/depth (x), height (y), and width (z). The Dim-Weight criteria, w-x-y-z, is carrying over into warehousing to include specifying box, pallet, and even container-size dimensions.

Epic's Perfect Measure™ Software not only receives accurate measurements from Doran's 1200C, but it also calculates the Dim-Weight to each carrier's specification providing the basis for calculating an accurate shipping cost.

Optimizing warehouse space has never been easier!



### Features of the Perfect Measure™ Software

- Addresses Default Front and Natural Base issues for Data Sync electronically.
- Automatically adjusts dimensions to GDSN/GS1 standards.
- Calculates Dim-Weight for transportation carriers.
- Can electronically transfer this information to other systems - easily and accurately.
- Integrates with other CRM, ERP, and Warehouse Systems using XML data format.