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Trooper[®] Count

Economical Compact Industrial Counting Scales



OHAUS Trooper Counting Scale—Durability, Accuracy and Flexibility for Counting Operations

OHAUS Trooper[®] Count Counting Scales are economical and designed for flexible, accurate operation. Ideally suited for inventory use, prepackaging, and other counting operations, the Trooper Count Counting Scales offer accuracy, durability and portability in one practical design.

Standard Features Include:

- 1:3,000 NTEP resolution, 1:6,000 or 7,500 external resolution
- 1:100,000 internal counting resolution
- Three-window, backlit LCD with display of weight, average piece weight and parts count
- 60 SKU memory files for part numbers, tare weights, average pieces weights, accumulations and hi/lo points.
- Dedicated Tare, Counting Function keys and numeric keypad for fast operation
- Multiple weighing units: lb, oz, kg or g
- Accumulator function for weight and parts count
- Auto-Add and Auto-Optimization software to increase sampling accuracy

OHAUS Trooper[®] Count Series

Wherever Piece Counting and Checkweighing are Required, the OHAUS Trooper Count Can Be Depended On to Work Each and Every Time

- In-Process Manufacturing
- Receiving
- Shipping
- Warehousing
- Stock rooms
- Rentals

Enhanced Software for Counting Applications

Trooper Count minimizes common sampling errors -- sample miscounts or using too light a sample weight:

- **Auto Optimization** – Start with a small sample size of 10, and then add random lots of pieces to increase Average Piece Weight accuracy.
- **Auto Add** – If the sample weight is too light, Trooper Count will prompt for the correct number of pieces to assure a proper sample weight.

Flexible Counting Operation

The Trooper Count is designed for flexible sampling and counting:

- **Positive Sampling** – Place a sample on the Trooper Count, tell it how many sample pieces are on the weighing platform, and start counting.
- **Negative Sampling** – Place a full box of parts on the scale, remove a sample of pieces, and with four quick keystrokes, the Trooper Count will estimate how many parts are left in the box.
- **Manual Sampling** – For parts with an established Average Piece Weight (APW), just input the APW and start counting.



- **Positive or Negative Counting** – Count into or out of a container, keeping track of how many pieces are on the scale or have been removed.
- **Print and Clear** – The Trooper Count can print and then clear the count for packaging and bagging operations.
- **Flexible Taring** – Preset tare weights can be quickly entered via keyboard or using the Tare key.
- **Checkweighing and Comparison** – Each of the 60 memory files can have over/under limits programmed for checking lot sizes. Change the APW to 1, and the Trooper Count can check weights using the current weighing unit – kilograms, grams, pounds or ounces.

Compact for Bench or Portable Use

The Trooper Count was designed with portability in mind. With durable construction, built-in "C" cell battery operation with power Auto-Off, LCD lighting control and low-battery warning, Trooper Count can go where it is needed.

The Memory You Need for Your Applications

The Trooper Count features 300 memory locations organized into 60 files for inventory, counting and checkweighing applications:

- 12-digit Part Number or SKU– for warehouse or inventory applications
- Average Piece Weight (APW)
- Over/Under Points for count checking or checkweighing
- Tare Weight
- Piece count accumulation using dedicated M+/M- keys

For situations where the 60 part files are not needed, Trooper Count can be configured quickly to lock-out the Library key. Average Piece Weight, Pre Set Tare, and accumulated count modes are still fully functional. All information previously stored in the Library is retained for later use.

Easy-to-Read Display



Large triple-window backlit LCD display for fast readings:

- Weight window displaying Gross/Net weight and weighing unit used
- Data window displaying Gross weight, counting accuracy %, tare weight, APW, pre-set tare status and M+/M- memory accumulation
- Count window displaying current piece count, memory mode indication, over/under indication for comparison and checkweighing

Print or Output to Your PC

- **User Selectable Output Fields** – Print one or more data fields for the current part file – part number, tare count of pieces on weighing platform, average piece weight, net weight, tare weight, total count accumulated in memory, or gross weight
- **Output Header** – Connect the Trooper Count to a PC or printer and output the Trooper Count model, unit serial number, and current part data for in-process tracking
- **Selectable Output Format** – Output using 24-column or line printer format
- **Uses Standard Null Modem Cable To Connect To PC** – No custom cables to buy!
- **Compatible with TAL Software Wedge or other utilities**



Built For Everyday Industrial Use

- High-impact ABS housing
- Overload stops to protect loadcell
- Flexible membrane keypad
- Adjustable feet and leveling bubble for quick set-up
- AC or battery power
- Cast aluminum weighing spider frame and 304 Stainless Steel Platform



Wide Range of Applications

- In-Process Parts Counting
- Prepacking Parts
- Incoming Inventory Check
- Inventorying
- Warehousing
- Checkweighing

OHAUS Trooper® Count Series

Standard Models		TC3RS	TC6RS	TC15RS	TC30RS
Capacity x Readability	Maximum (lb)	6 lb x 0.001 lb	15 lb x 0.002 lb	30 lb x 0.005 lb	60 lb x 0.01 lb
	(kg)	3 kg x 0.0005 kg	6 kg x 0.001 kg	15 kg x 0.002 kg	30 kg x 0.005 kg
	(g)	3,000 g x 0.5 g	6,000 g x 1 g	15,000 g x 2 g	30,000 g x 5 g
	(oz)	96 oz x 0.02 oz	240 oz x 0.05 oz	480 oz x 0.1 oz	960 oz x 0.2 oz
Legal for Trade	(lb)	6 lb x 0.002 lb	15 lb x 0.005 lb	30 lb x 0.01 lb	60 lb x 0.02 lb
	(kg)	3 kg x 0.001 kg	6 kg x 0.002 kg	15 kg x 0.005 kg	30 kg x 0.01 kg
	(g)	3,000 g x 1 g	6,000 g x 2 g	15,000 g x 5 g	30,000 g x 10 g
	(oz)	96 oz x 0.05 oz	240 oz x 0.1 oz	480 oz x 0.2 oz	960 oz x 0.5 oz
Minimum APW	With Auto Add	0.0002 lb 0.0001 kg	0.0005 lb 0.0002 kg	0.001 lb 0.0005 kg	0.002 lb 0.001 kg
	Without Auto Add	0.00006 lb 0.00003 kg	0.00015 lb 0.00006 kg	0.0003 lb 0.00015 kg	0.0006 lb 0.0003 kg
Maximum displayed resolution		1:6,000 to 1:7,500 depending on model			
Maximum counting resolution		1:30,000 with Auto Add, 1:100,000 without Auto Add			
Platform size (w x d)		13.5 in x 9 in / 34 cm x 23 cm			
Legal for Trade resolution		1:3,000			
Stabilization time		≤ 4 seconds			
Keyboard		10 function, 11 numeric membrane keys with audible-press feature			
Weighing units		lb, kg, g, oz			
Weighing modes		Piece counting, basic weighing, count checking, checkweighing			
Display		7-segment 12 mm high digits: 5-digit Weight, 6-digit Data and 6-digit Count backlit LCD displays			
Power		AC Adapter (included) or 6 "C" Batteries (not included) with up to 100 hours battery life			
Span calibration		1/3, 2/3 or full capacity			
Auto zero tracking		Off, 0.5, 1 or 3 divisions			
Operating temperature		41° F to 104° F / 5° C to 40° C			
Storage temperature		-40° F to 140° F / -40° C to 60° C			
Scale dimensions (w x d x h)		13.5 in x 14.5 in x 4.5 in / 34.3 cm x 36.8 cm x 11.4 cm			
Shipping dimensions (w x d x h)		17 in x 17 in x 8.5 in / 42.2 cm x 42.2 cm x 21.6 cm			
Weight		8.6 lb / 3.9 kg			
Shipping Weight		11.8 lb / 5.4 kg			

Standard Features

Stainless steel weighing pan, internal aluminum frame, ABS plastic housing, 3-window backlit LCD display; 21-key membrane keys with numeric keypad and dedicated counting keys; Leveling feet and bubble; RS232 bi-directional interface; Auto-off timer; User-selectable audible key beep; Low battery warning; Auto-zero tracking; Software lockout of menu settings; Hardware lockout for LFT use.

Counting Features

Positive and Negative sampling, with user input of sample size or default sample size of 10; Positive and Negative counting; Manual or Pre-set Tare; Selectable Memory Mode for single part file operation; Auto-Optimization of Average Piece Weight (APW); Auto-Add to ensure sample weight accuracy; 60 part files with input for 12-digit part number, average piece weight, tare weight, over / under values and count accumulation; Programmable over/under limits with audible beep and LCD indication.

Optional Accessories

Carrying case, RS232 interface cables, printer.

Approvals

All models meet the requirements of Approval Agencies: UL, FCC, CSA, CE. NTEP, Measurement Canada and OIML/EC type approval

Industry Leading Quality and Support

All OHAUS Trooper® Counting Scales are manufactured under an ISO 9001:2000 Registered Quality Management System. Our rugged construction and stringent quality control have been hallmarks of all OHAUS products for over a century.

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