

PRECISION[™]

BY TRANSCAT[®]



TCH Series Laboratory Balances

HIGH CAPACITY PRECISION WEIGHING



High Capacity weighing With Portability

High capacity with precise weighing

All TCH Series models are also available with capacities as high as 1kg to 20kg, while still maintaining excellent readability and quality. All TCH Series models come standard with larger weighing pans.

Durable, portable weighing

The TCH Series balances are constructed to endure environments from teaching labs to light industrial use. The overload protection and impact-resistant pan protect your balance against shock and overloading the balance in rugged and demanding environments.

High capacity with internal calibration

Calibrate at the touch of a button. The automatic internal adjustment system (TCH-1002.C, TCH-2002.C, TCH-6001.C only) of the TCH Series enables precise weighing performance in any condition.

Broad range of weighing applications

Choose from multiple different weigh modes; weighing, parts counting, +/- control, animal weighing, peak hold, and totalising.

Weighing data management

Connect the TCH Series balance to a computer or printer via RS232 or USB connection for quick and easy recording of results.

Five year - industry leading warranty

Feel confident knowing your TCH Series balance includes a worry-free, 5 year warranty.

Transcat's Scale Calibration Certificate Available on all Models

Accredited ISO/IEC 17025:2017 Calibration certificates available with every purchase.



Toploading Balances

Model	TCH-1002	TCH-2002	TCH-6001	TCH-10001	TCH-20001
Maximum Capacity	1000 g	2000 g	6000 g	10000 g	20000 g
Readability [d]	0.01 g	0.01 g	0.1 g	0.1 g	0.1 g
Taring Range	0-1000 g	0-2000 g	0-6000 g	0-10000 g	0-20000 g
Repeatability	0.01 g	0.01 g	0.1 g	0.1 g	0.1 g
Linearity	±0.03 g	±0.03 g	±0.2 g	±0.3 g	±0.3 g
Calibration Type	External	External	External	External	External
Stabilization Time	3 s	3 s	3 s	3 s	3 s
Pan Size	195 x 195 mm				
Unit Dimensions	333 × 206 × 100 mm				
Communication ports	2× RS232, USB-A, USB-B				

Toploading Balances with Internal Calibration

Model	TCH-1002.C	TCH-2002.C	TCH-6001.C
Maximum Capacity	1000 g	2000 g	6000 g
Readability [d]	0.01 g	0.01 g	0.1 g
Taring Range	0-1000 g	0-2000 g	0-6000 g
Repeatability	0.01 g	0.01 g	0.1 g
Linearity	±0.03 g	±0.03 g	±0.2 g
Calibration Type	Internal	Internal	Internal
Stabilization Time	3 s	3 s	3 s
Pan Size	195 x 195 mm		
Unit Dimensions	333 × 206 × 100 mm		
Communication ports	2× RS232, USB-A, USB-B		

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