## **Mechanical Balances**

## **HARVARD TRIP**

Two-pan design is ideal for comparative weighing

Based on the classic Roberval balance principle, the Harvard Trip balance allows the determination of the difference in mass (rather than absolute value) between two objects.

## **Ohaus Value:**

Strong construction and precision-engineered, built-in sliding masses for easy weighing, magnetic dampening for quicker results, self-aligning with beam design and special floating agate bearing, counterbalancing knob provides quick zeroing and stays in position, many years of precision and reproducibility with hardened steel edges, stainless steel plates. Grades 4-12 (Ages 10 and up)

Harvard Trip	1450-SD	1550-SD	1560-SD
Capacity	2000g		
Readability	0.1g		
Tare capacity	1		225g
Top Beam Calibration Bottom Beam	10g × 0.1g —	10g × 0.1g 200g × 10g	10g × 0.1g 200g × 10g
Stainless steel plate Platform Diameter	6/15.2 (in/cm)		



Quality, high precision overhead mechanical balances

Ohaus Cent-O-Gram and Dial-O-Gram Overhead Balances offer the accuracy and convenience of an integrated weigh-below balance while allowing students to visualize mass measurement principles. Designed with a hanging pan system, both balances offer 10 times the readability of the Ohaus Triple Beam and Dial-O-Gram top-loading balances. The Vernier dial on the Dial-O-Gram 310 replaces two of the beams and is a great time saver. Grades 6-12 (Ages 12 and up)

## **Ohaus Value:**

Self-aligning with beam design and special floating agate bearings, counter-balancing knob provides quick zeroing and stays in position, magnetic dampening for quicker results, durable with aluminum pressure casting for the base and beam assembly, removable stainless steel pan.

	Cent-O-Gram®	Dial-O-Gram®	
	311-00	310-00	
Capacity (g)	311	310	
Readability (g)	0.01	0.01	
Front Beam Calibration (g) Second Beam Third Beam Rear Beam Dial	1 × 0.01 10 × 1 100 × 10 200 × 100 —	$100 \times 10$ $100 \times 10$ $100 \times 10$ $10 \times 0.01$ $10 \times 0.01$	
Stainless Steel Pan (removable) Platform Diameter × Depth (in/cm)	3.5 × 0.5/8.9 × 0.7		



Harvard Trip
United States Patent and Trademark Office
Design Trademark Registration Number 1,439,006
(Registered 1,437,111 with dial)



Cent-O-Gram® United States Patent and Trademark Office Design Trademark Registration # 1,437,797



Dial-O-Gram® United States Patent and Trademark Office Design Trademark Registration # 1,436,267



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