

Calibrated Dead Weights are the official means by which torque analyzers and transducers are traced to the National or International Standards such as NIST, ISO, and others. There are 3 components that compose of a Dead Weight Test Set: (1) Segment Arm or Wheel, (2) Hanger, and (3) Weights.



Step 1:
Select either:
Segment Arm
or Wheel

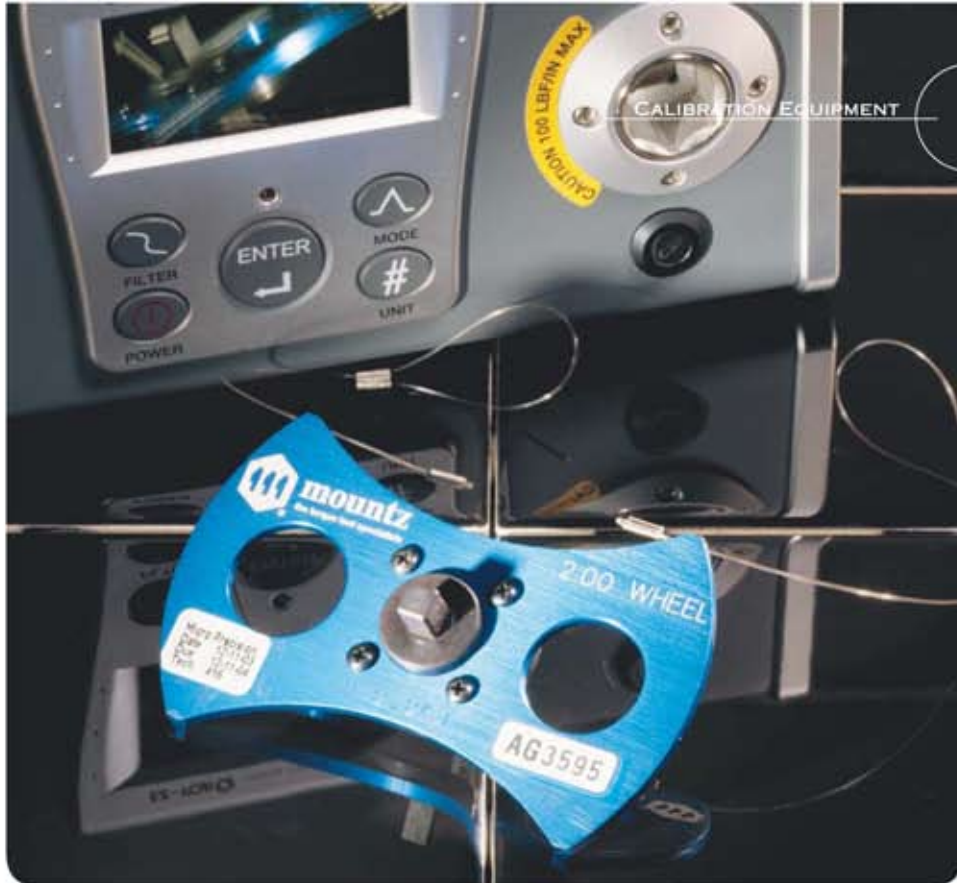
SEGMENT ARMS

Model	Item #	Max Wt.	Tolerance	Input Dr.	Length
S-10	061106	25 lbs.	±.005	1/4"	10"
S-10	060094	75 lbs.	±.005	3/8"	10"
S-10	060056	100 lbs.	±.005	1/2"	10"
S-12	060052	75 lbs.	±.006	3/8"	12"
S-12	060093	100 lbs.	±.006	1/2"	12"
S-24	060091	125 lbs.	±.012	1/2"	24"
S-24	060053	250 lbs.	±.012	3/4"	24"
S-48	060090	125 lbs.	±.024	3/4"	48"
S-48	060054	250 lbs.	±.024	1"	48"

WHEELS (pictured upper right photo)

Model	Item #	Max Wt.	Tolerance	Input Dr.	Radius
1.0"	061587	50 oz.	±.0005	1/4"	1"
2.0**	060095	20 lbs.	±.001	1/4" & 3/8"	2"
4.0**	060064	65 lbs.	±.002	1/4" & 3/8"	4"

*Shape: Circular **Shape: Butterfly



Calibration Test Equipment

For Torque Analyzers & Torque Sensors

Step 2: Select Hanger

Model	Item #	Weight	Stem
Stainless Steel (Class F)	110044	2 lbs.	9 1/4"
Stainless Steel (Class F)	110043	5 lbs.	16"



Step 3: Select Weights



Model	Item #	Weight
Stainless Steel Hook (Class 3)	110050	0.25 oz.
Stainless Steel Hook (Class 3)	110051	0.50 oz.
Stainless Steel Hook (Class 3)	110052	1 oz.
Stainless Steel Hook (Class 3)	110053	2 oz.
Stainless Steel Hook (Class 3)	110054	4 oz.
Stainless Steel Hook (Class 3)	110055	8 oz.
Stainless Steel Hook (Class 3)	110056	16 oz.
Stainless Steel Hook (Class 3)	110057	32 oz.
Stainless Steel Hook (Class 3)	110058	40 oz.
Stainless Steel Slotted (Class F)	110047	0.5 lbs.
Stainless Steel Slotted (Class F)	110046	1 lb.
Stainless Steel Slotted (Class F)	110045	2 lbs.
Stainless Steel Slotted (Class F)	110041	5 lbs.
Stainless Steel Slotted (Class F)	110042	10 lbs.
Stainless Steel Slotted (Class F)	110070	20 lbs.
Stainless Steel Slotted (Class F)	110071	50 lbs.



TOTAL WEIGHT

Weights are placed upon the Hanger, which is hung from the Segment Arm or Wheel. The amount of **total weight** needed is determined by the maximum torque range of the analyzer or sensor being calibrated and the length of the Segment Arm or Wheel.



NOTE!

Total weight includes both the Hanger and the Stainless Steel Weight(s).