



233 Series Heavy Duty Stands

Shorter Version of the Popular 230 Series

The **233 Series** stands are virtually identical to the 230 Series, but are all somewhat shorter. This stand has a working height range from a minimum of **36" (91 cm)** to a maximum of **54" (137 cm)**, as measured from the floor to the top of the intermediate tube, on which all instrument mount accessories are attached. The stand height specification quoted above does not include the added height and vertical range of any of our stand accessories or instrument adapters.

We have a number of stand adapters, slides, lifts, and various instrument mounts that fit into the intermediate tube. Refer to the chart below for the various stock options, or request your own custom variation.

The 233 Series is also available in a "hollow" version, which means that there is an unobstructed vertical path straight down through the center of the stand. This is useful in certain applications when it is critical to position the stand over a specific point. Any stand or accessory designated as "hollow" has this characteristic.



Stands in this group are used to support all types of metrology instrumentation, from portable CMM arms to laser trackers and scanners, to theodolites, to laser alignment devices. The stand has excellent stability; it maintains instrument position very well, but it is not the type of stand that you throw over your shoulder and carry around! Mobility around the shop floor is permitted using the drop-down casters under the heavy-duty tribrach base which are engaged and released by a foot pedal. An air-check mechanism provides backup protection to prevent sudden drops of the instrument column in case the operator simultaneously releases the collar lock and main handle while disengaging the ratchet pawl.

For general information about this stand, read more about our heavy duty stands on our website.


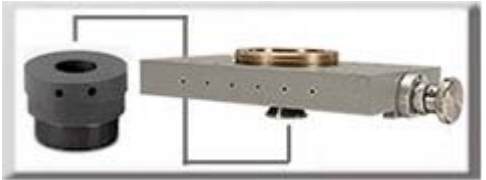


Specifications

Finish: Machine grey; other finishes available on request.





See other information for specific models in table below

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Standard options for Non-Hollow 233

Model & Height	Description	Has this on top:
233STK 36" - 54" (91 - 137cm)	Basic 233 type, with no adapters (see photo above). Weight: 174 lbs (79 kg)	This option has nothing on top of the instrument support tube, or "intermediate" tube (see photo above), which has 2.825" x 20 internal threads at the top.
233-0 37" - 55" (94 - 140cm)	Model 233STK with 235-3 hollow adapter having 3½"-8 thread (pictured at right). The 235-3 adds 0.975" (24.8 mm) to the stand height. Weight: 177 lbs (81 kg)	
233 39" - 57" (98 - 144cm)	Model 233STK with 235-16 lateral slide adapter with dovetail inset and mating 802 lateral slide (pictured at right). This combination adds 2.68" (68.1 mm) to the stand height. Weight: 186 lbs (85 kg)	
233-2 40" - 59" (102 - 149cm)	Model 233STK with 800 precision lift and 802 lateral slide (pictured at right). This combination adds 4.01" (101.9 mm) to stand height when the model 800 is fully retracted and adds 4.64" (117.9 mm) when fully extended. Weight: 191 lbs (87 kg)	
233-R 40.5" - 58.5" (103 - 149cm)	Model 233STK with 235-3 hollow adapter and B46632 swivel head. This combination adds 4.475" (11.4 cm) to the stand height. Weight: 188 lbs (86 kg)	

Standard options for Hollow 233

Model & Height	Description	Has this on top:
233STK-H 36" - 54" (91 - 137cm)	Model 233STK with "hollow" option, and with no adapters.	This option has nothing on top of the instrument support tube, or "intermediate" tube (see photo above), which has 2.825" x 20 internal threads at the top.
233-HO 37" - 55" (94 - 140cm)	Model 233STK-H "hollow" with 235-3 hollow adapter having 3½"-8 thread (pictured at right). The 235-3 adds 0.975" (24.8 mm) to the stand height. Weight: 212 lbs (97 kg)	
233-H 39.5" - 57.5" (100 - 146cm)	Model 233STK-H "hollow" with 235-3 adapter having 3½"-8 thread, a 235-17 dovetail adapter, and an 802 lateral slide. This combination adds 3.53" (89.7 mm) to the stand height. Weight: 222 lbs (101 kg)	
233-HC 37" - 55" (95 - 141cm)	Model 233STK-H "hollow" with 273-4 coordinate lateral adjuster. This adapter adds 1.375" (34.9 mm) to the stand height. Weight: 226 lbs (103 kg)	
233-HR 40.5" - 58.5" (103 - 149cm)	Model 233STK-H "hollow" with 235-3 hollow adapter and B46632 swivel adapter. This combination adds 4.475" (11.4 cm) to the stand height. Weight: 222 lbs (101 kg)	

May be used with...

- Virtually any instrument or adapter having an internal 3½" x 8 thread.
- Have a look at the entire line of stand accessories and instrument adapters on our website.