

# Tools for Enhanced Testing (Industrial)

Taylor has developed several products to make your testing more efficient. These simple tools are a great addition to any test kit. Pick and choose the add-ons you prefer based on your needs. Save time, avoid common errors, and improve your testing experience.

## SpeedStir®

The **SpeedStir (#9265)** makes quick work of drop tests performed in Taylor's #9198 sample tube. This palm-sized, portable magnetic stirrer will thoroughly incorporate each addition of reagent in a fraction of a second. No more manual swirling! Place the water sample on the mixing platform then gently drop in the Teflon®-coated stirring bar. Use the power button to turn the unit on in well-lit conditions. When ambient light is poor, press the light button and six LEDs below the mixing platform will light up to make color changes in the test sample easy to see. Press the power button to stop the stirring action, or the unit will turn itself off after five minutes. The SpeedStir runs on four AA alkaline batteries at 600 rpm. Made of high-impact polystyrene, it is water-resistant (you can spill water on it, but you should not submerge it).

## SampleSizer®

Many Taylor drop tests are done with either a 10 mL or 25 mL water sample. Using this new tool, you won't need to flick off the excess water to get the meniscus to rest precisely on the fill line. Simply lower the **SampleSizer (#6190)** into a #9198 test vial filled with the water to be tested. It will displace exactly the right amount to leave the correct volume to perform the test: either 10 mL or 25 mL, depending on which end of the tool goes in first. The SampleSizer is removed once the extra water is splashed out. Clean and dry it before storing or using it for another test. The SampleSizer is made from machined aluminum anodized for longer life.



## Daylight Comparator Lamp

Proper lighting is imperative when performing colorimetric tests. When we formulate our colorimetric tests, we ensure the color that develops in the treated sample matches the color standards in the comparator block when viewed under natural northern light. But performing tests in natural northern light is not always an option. Ambient lighting in boiler rooms and mechanical rooms can affect your vision and skew results. Using a device that simulates natural light will ensure proper perception and accurate readings.

The **Daylight Comparator Lamp (#9199)** works well with Taylor's printed-color standards as well as with the liquid-color standards in the Midget™ comparator that's found in several of our Professional Series™ and Commercial Series™ kits. It's portable, compact and provides the same high-quality illumination used by professional photographers. The Daylight Comparator Lamp can be held up by hand behind these comparators or mounted on the wall for a more permanent solution. It can also be placed on a lightbox stand (#9200) to accommodate our longer Slide™ comparators (the liquid-color standards in Taylor's top-of-the-line professional kits).

## DATA SUMMARY

	SampleSizer 10/25 mL	SpeedStir	Daylight Comparator Lamp
Taylor part number	#6190	#9265	#9199
Taylor replacement part numbers	NA	#6101 1" magnetic stirring bar #9198 sample tube	NA
dimensions	1" dia. x 4 3/4" h	4 5/8" l x 1 3/4" w x 1 5/8" h	6 1/4" x 5 3/4" x 9/16"
weight	4.1 oz.	7.5 oz. (with batteries)	175 g or 6 oz.
material	anodized machined aluminum	high-impact polystyrene	aluminum and polycarbonate
power	NA	4 AA alkaline batteries (approx. 300 tests with light on; 400 tests with light off)	120VAC adapter powers the 12VDC unit
operating temperature range	NA	36°F–120°F; 2°C–49°C	60°F–90°F
revolutions per minute	NA	600 after 2 seconds	NA
illumination	NA	6 LEDs	internal
seal	submersible (wipe dry after use)	water-resistant: do not submerge (wipe dry after use)	water-resistant: do not submerge (wipe dry after use)
instructions for use	on product packaging	on product packaging	NA

### SampleSizer Demo Using #6190



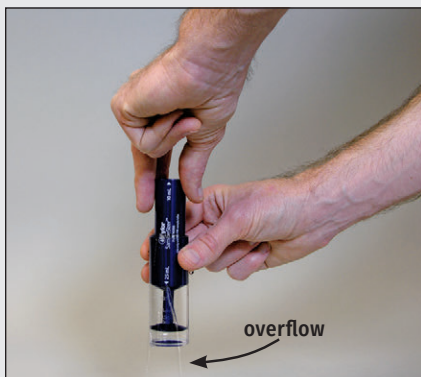
1. Rinse and fill #9198 sample tube with water to be tested in excess of desired volume.



2. Orient SampleSizer for desired test volume: an arrow indicates the skinny end goes first for a 25 mL sample.



3. Slowly lower the tool into the sample...



4. ...all excess water will be displaced.



5. Tool should touch bottom.



6. Carefully remove SampleSizer to avoid dragging out remaining water.