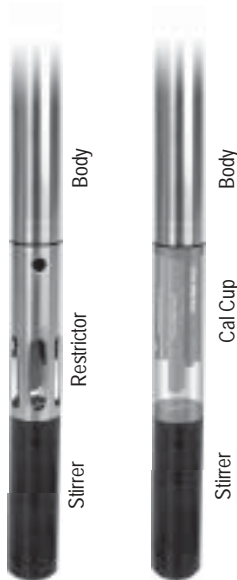
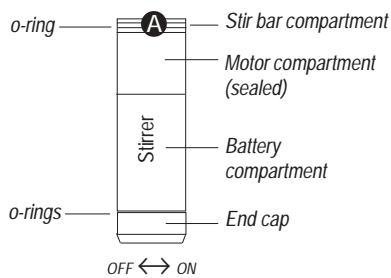




Product Specifications

Catalog No. 42210

NOSE CONE STIRRER



APPLICATION

Battery-powered magnetic stirrer provides continuous agitation of sample during calibration or deployment in slow-moving or stagnant water. Attaches to the front end of the MP TROLL 9000 in place of the nose cone, or to the Calibration Cup. Eliminates potential sensor cross-contamination and increases the rate of flow through the restrictor. Guard plate retains stir bar in fast-moving water and protects it from debris.

PHYSICAL DESCRIPTION

Wetted materials	Delrin®, Teflon®
Dimensions	4.6 cm (1.8 in) dia. x 19 cm (7.5 in) long
Weight	0.575 kg (1.3 lb), with batteries
Operating voltage	1.5 - 9.0 V, nominal 3 V
Motor speed	950 rpm at free load, 350-430 operating rpm
Stall torque	32 g-cm
Current	0.052 amps
Output	0.073 watts
Stir bar	Teflon-coated, magnetic, 7.9 mm (5/16 in) dia. x 25.4 mm (1 in) long with molding
Battery type	2 standard alkaline D-cells
Est. battery life	3 months continuous operation
Pressure rating	150 psi

CONNECTIONS

- A** The threads at the stir bar end attach to the restrictor at the front end of the MP TROLL 9000 (nose cone removed), or to the Cal Cup.

GUIDELINES AND PRECAUTIONS

- To activate the stirrer, tighten the end cap about ¼ turn. This starts the motor; the stir bar will begin to spin. To stop the motor, back off the cap until the stir bar stops spinning.
- Replace batteries with 2 standard alkaline D-cells, – toward the end cap, + toward the stir bar compartment.
- When attaching to the restrictor or Cal Cup, be careful not to over-tighten.
- The stir bar guard may be removed for cleaning when necessary. Insert the sensor removal tool into the center rings and pop the guard out.
- Inspect o-rings regularly; replace if they show evidence of wear or damage (o-rings & lubricant available from In-Situ Inc. or your distributor).

1 800 4INSITU

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