**ASSEMBLY INSTRUCTIONS** – Vernier Handle Kit / “S,” “M” & “L” Series Metering Valves

Hex Wrenches: “S” Series: 0.05”, 1/16” & 5/64”; “M” Series: 0.05”, & 5/64”; “L” Series: 5/64”

**STEP 1** Loosen Locking Screw (“S” & “M” Series only) and then loosen Handle Screw. Remove handle. Note: If panel mounting of valve is intended, mount valve before proceeding.

**STEP 2** Slide Barrel onto Bonnet until it bottoms against bonnet threads. Rotate Barrel so scale is legible. Tighten Barrel Screw.

**STEP 3** Place Stem Extension on Stem and tighten Stem Extension Screw gently. Adjust valve stem position slightly below your minimum flow requirement (“S” & “M” Series only).

**STEP 4** Loosen Stem Extension Screw and slide Stem Extension down against Barrel maintaining stem position. Retighten Stem Extension Screw. A positive handle stop is now set.

**STEP 5** Place Vernier Handle onto Stem Extension and align zero mark on the Handle with zero mark on Barrel. Tighten Handle Screw. Test valve for proper operation.

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These instructions are also available in French, Italian, German and Spanish.