

## MODEL 2595

# Precipitation Gauge Calibrator

## General Description

The HydroLynx Precipitation Gauge Calibrator is designed to simplify the field verification and calibration procedures for tipping bucket rain gauges. Included are a 946 ml calibrated plastic bottle, a precision-machined water dispenser with four interchangeable orifices (providing the constant flow rates necessary for dynamic testing), and 10 ml and 60 ml syringes useful in static tests. Calibration charts for all HydroLynx tipping bucket rain gauges are provided; charts for other rain gauges are available.

Static calibration — adjusting each bucket to tip for a measured volume of water — is recommended for initial calibration; the syringes allow very accurate volume measurement. Dynamic calibration — adjusting both buckets to achieve the correct output count at a measured constant flow rate — is recommended for minor adjustments and verification. The four orifices provide a wide range of rainfall rates; testing above and below the calibrated rate yields the error band of a gauge.

## Specifications

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<b>Calibrated Bottle</b>	Plastic, embossed, fill ring molded at 946 ml
<b>Orifice Sizes</b>	1/32, 1/16, 3/32, and 1/8 in. dia.

## Ordering Information

<b>2595</b>	Precipitation Gauge Calibrator
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