

# Splash Guard for Sticky Gases



This specially designed Splash Guard is an optional accessory that can be added to CETCI gas detectors that have a sticky gas sensor and need protection in wet and/or wash down environments, such as commonly occurring equipment cleaning, sanitization or outdoor applications.

Sticky gases such as Chlorine, Chlorine Dioxide, Ozone and Hydrogen Chloride can be difficult to monitor because they adhere to many types of surfaces. For example, our conventional Splash Guard is made of a material that adsorbs sticky gases which blocks the flow of gas from reaching the sensor. If used, this would produce inaccurate or no gas measurement readings. This new Splash Guard for sticky gases is made of a proprietary material that does not attract the sticky gas, allowing it to reach the sensor during normal operation. The Splash Guard comes with a specialized Calibration Adapter Slide Cap, made of the same material that can be easily attached to the end of the guard during the calibration process. To ensure a successful calibration, this cap must be used, along with a Teflon lined tube so the sticky gas doesn't adhere to the tubing and cause an inaccurate calibration. The length of the Teflon tubing should be no more than 61 - 91 cm / 2 - 3 ft so the gas flow concentration doesn't lessen over the distance from the gas cylinder to the sensor.

The Calibration Adapter Slide Cap **MUST** be removed during normal operation so the size of the opening to the sensor is adequate for measuring any potential gas in the area.

## KEY FEATURES

- » Specifically designed for use with sticky gas sensors
- » Protects sensor and interior of enclosure from water and dust
- » Ideal for wash down, water spray, wet environments or outdoor applications
- » Factory installed
- » Comes with a Calibration Adapter Slide Cap for accurate calibration
- » The Calibration Adapter Slide Cap is a contrasting colour so it is easier to remember to remove it after calibration

## APPLICATIONS

- » Swimming Pools
- » Food Processing Plants
- » Wastewater Treatment Plants
- » Fisheries/Hatcheries
- » Laboratories
- » Aquariums
- » ... and many more

## TECHNICAL SPECIFICATIONS

### MECHANICAL

Material	Blended filament, proprietary
Size of Splash Guard	58 mm dia x 72 mm long x 47 mm proud 2.28" dia x 2.85" long x 1.86" proud
Size of Calibration Adapter Slide Cap	57 mm x 57 mm x 9 mm thick 2.25 in x 2.25 in x 0.37 in thick

## CETCI COMPATIBLE PRODUCTS

For use with  $Cl_2$ ,  $ClO_2$ ,  $O_3$  or HCl gas sensors as available for any of these products:

- LPT Low Power Transmitter
- LPT-A Analog Transmitter
- LPT-M Modbus® Transmitter
- LPT-B BACnet® Transmitter

## PRODUCT CODES

**OPTION** (Factory installed) Add at the end of the product "Part Number".

<b>SN</b>	Splash Guard for sticky gases ( $Cl_2$ , $ClO_2$ , $O_3$ or HCl)
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## ACCESSORIES

<b>CET-715A-CK1</b>	Calibration Kit for 17, 34, 58, 74, 100 L cylinders, 0.5 LPM flow regulator & adapter to fit 17 L cylinder
<b>CET-SN-CAP</b>	Replacement Calibration Adapter Slide Cap



Shown ready for calibration with the Calibration Adapter Slide Cap in place.

Notice the contrasting colour of the Calibration Adapter Slide Cap. The Cap **MUST** be removed during normal operation or the detector will not be able to sense gas.



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Environment  
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OPTIONS &  
ACCESSORIES