

TRITON+® Flow Monitoring System PARADEPTH[™] Sensor

High-durability, Non-contact Depth Sensor

PARADEPTH™ is a new non-contact depth sensor used with the ADS® **TRITON**+® monitor. The sensor measures two parameters including: • Depth - using ultrasonic

· Air temperature (compensation)

In order to make timely, critical, and prompt decisions in your collection system, the new non-contact ADS **PARADEPTH** sensor can be used to acquire accurate depth data.

Leveraging the patented design of an integrated parabolic reflector, **PARADEPTH** can achieve more reliable depth measurements compared to previously available non-contact sensor technologies. **PARADEPTH** utilizes ultrasonic sensing through parabolic focusing and includes new industrial housing and mounting hardware. Users can quickly and seamlessly integrate the **PARADEPTH** sensor into existing or new ADS flow monitoring networks.

This new sensor, alongside ADS **PRISM™**, provides a seamless user experience and the benefit of an ADS sensing technology and data solution platform for depth data analysis.







Рага Depth installed with standard installation ring



TRITON + and **PARADEPTH** Flow Monitoring System is used to gather data for use in a variety of applications:

Sanitary sewer overflows (SSOs)

Combined sewer overflows (CSOs)

Infiltration and inflow (I/I) analysis

Model validation

Optimize cleaning process

Lift/pump station backup

SSO data & reporting

Bypass monitoring

Flume monitoring



Lowest lifetime costs of any non-contact depth sensor on the market.



New, high-durability design. Less maintenance due to the ruggedized design of the sensor transducers that protect the sensor faces with the parabolic cavities.



Patented technology using parabolic focusing provides targeted and accurate surface measurements.

PARADEPTH[™]**Sensor** Specifications







Learn More About TRITON+ www.adsenv.com/triton



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Specifications subject to change without notice.