



**LightningMaster**  
Corporation

## IN-TANK STATIC DRAIN LM-ITSD



**APPLICATION:** The ITSD employs the point-discharge principle to neutralize the build-up of static charge, and to equalize it to the potential of the bonded mass of production, frac flow-back, or storage tank, reducing the likelihood of arcing. ITSD's are hardened to withstand the rigors of a sour gas (high H<sub>2</sub>S, chlorides, and mineral acids) environment. We accomplish this with a combination of cathodic protection and the use of alloys specifically designed for use in this environment.

**DESCRIPTION:** Center cable is 7/16" stainless steel with .008 diameter dissipation electrodes.

**NOTE:** Hardware is included with price of ITSD-XX dissipator. XX indicates the height of the tank in feet. Specify what the ITSD will be installed in and the size of the tank so the proper hardware will be supplied.

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