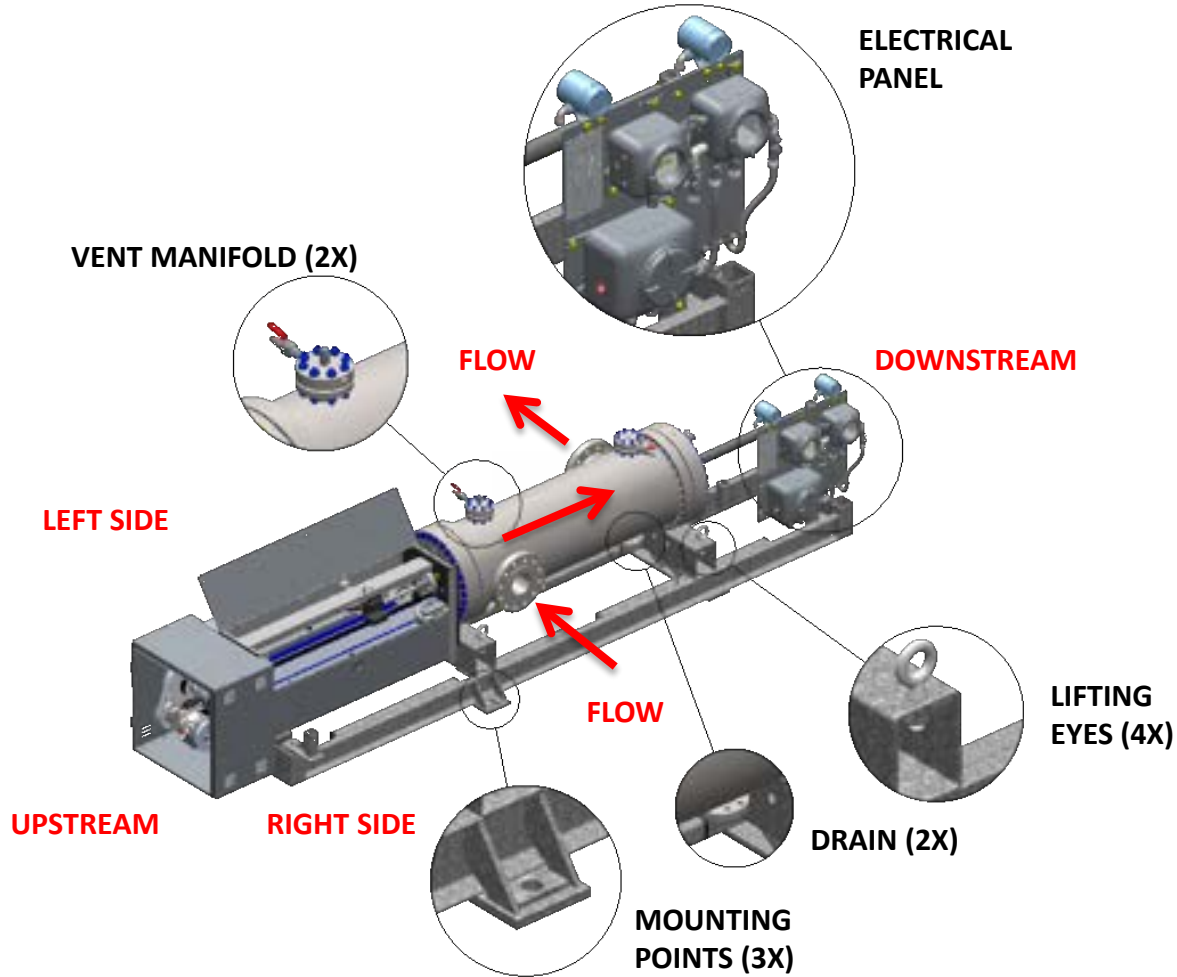


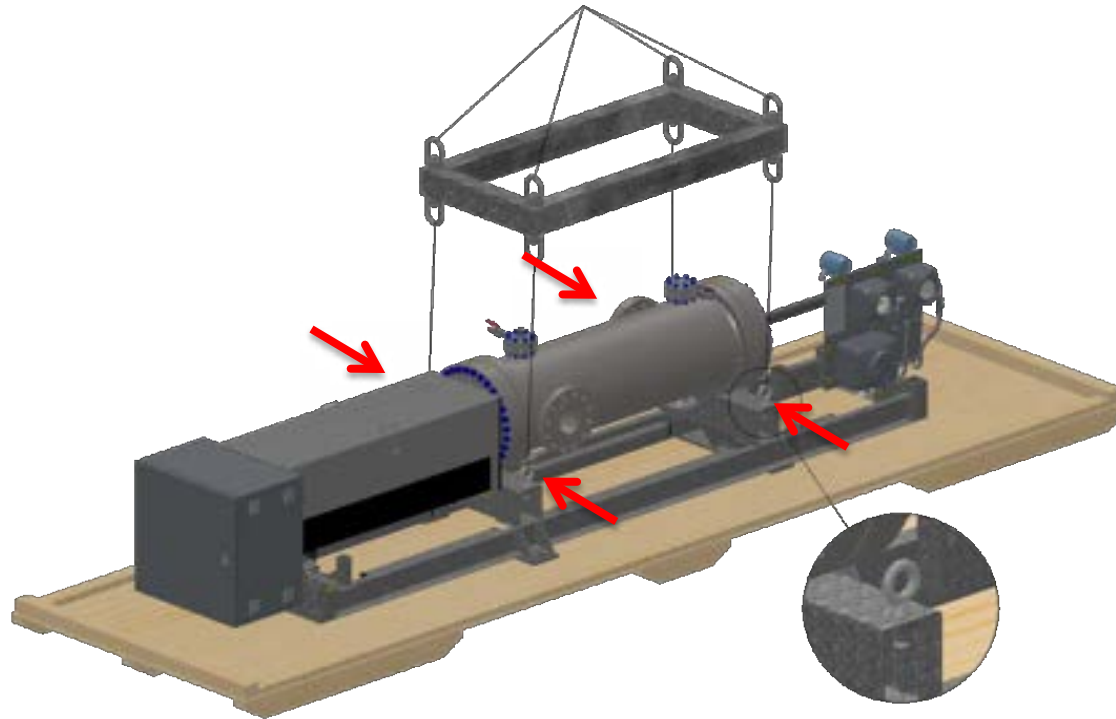
# FMD PROVER INSTALLATION GUIDE

MODELS: 003, 007, 015, 025, 035, 045, 060, 090, 130, 200, 245



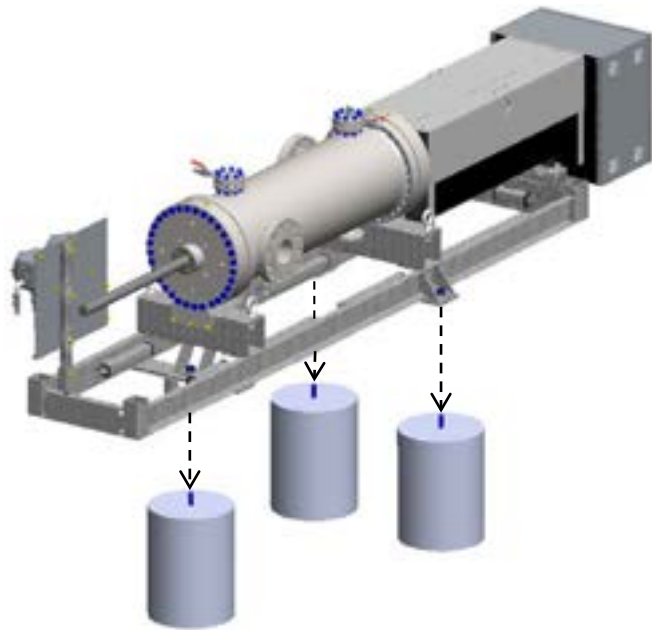
FOR ADDITIONAL INFORMATION, CONSULT THE PROVER MANUAL. FMD P/N : 000-100300-DOC

# LIFTING

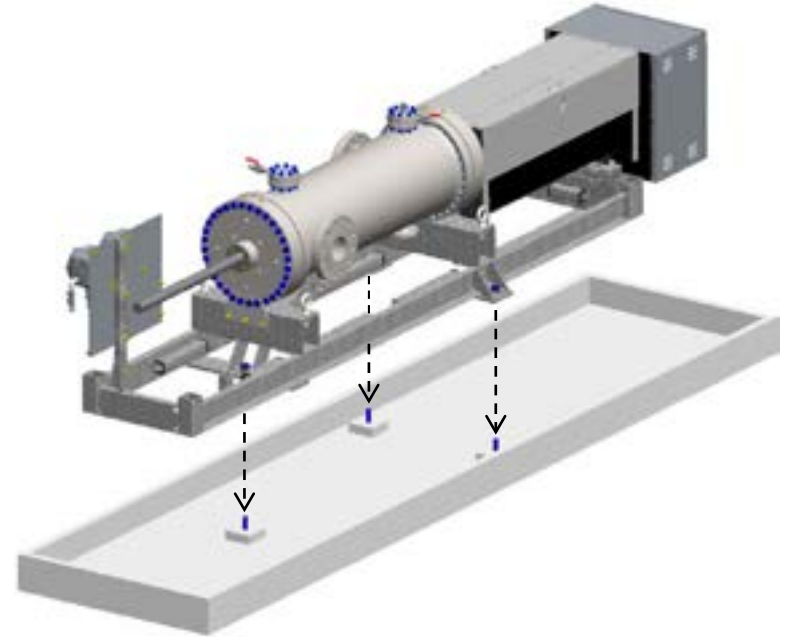


PROVER MUST BE LIFTED FROM ALL FOUR LIFTING EYEBOLT POINTS AND ONLY THESE LIFTING POINTS.

# MOUNTING



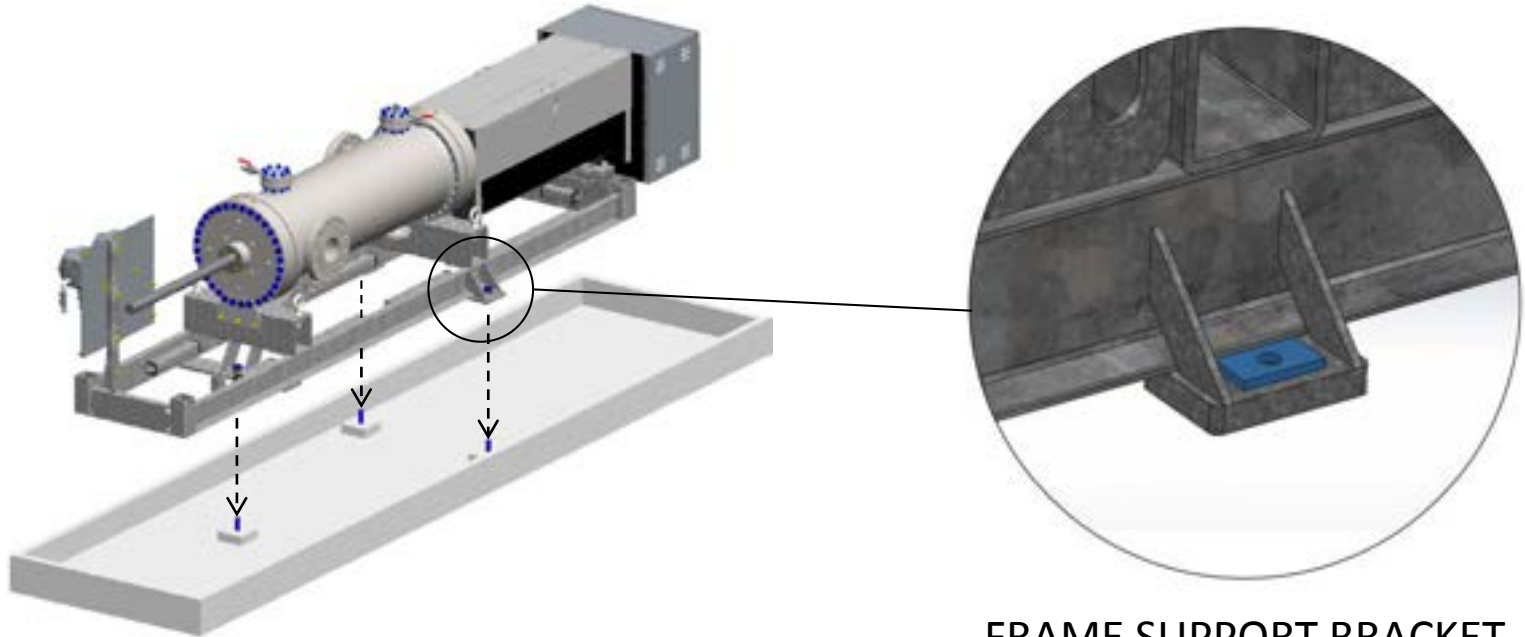
PYLON MOUNTED



CONTAINMENT PAD

- THE 3 POINT MOUNTING PADS ARE DESIGNED TO GIVE THE USER EASY ACCESS AND ELIMINATE ANY WOBBLING OR STRESS TO THE UNIT.
- DO NOT FILL IN OR GROUT THE MAIN PROVER FRAME. THE THREE MOUNTING POINTS SHOULD BE THE ONLY LOCATIONS TO FIX THE PROVER TO THE PYLON OR PAD.

# MOUNTING



FRAME SUPPORT BRACKET

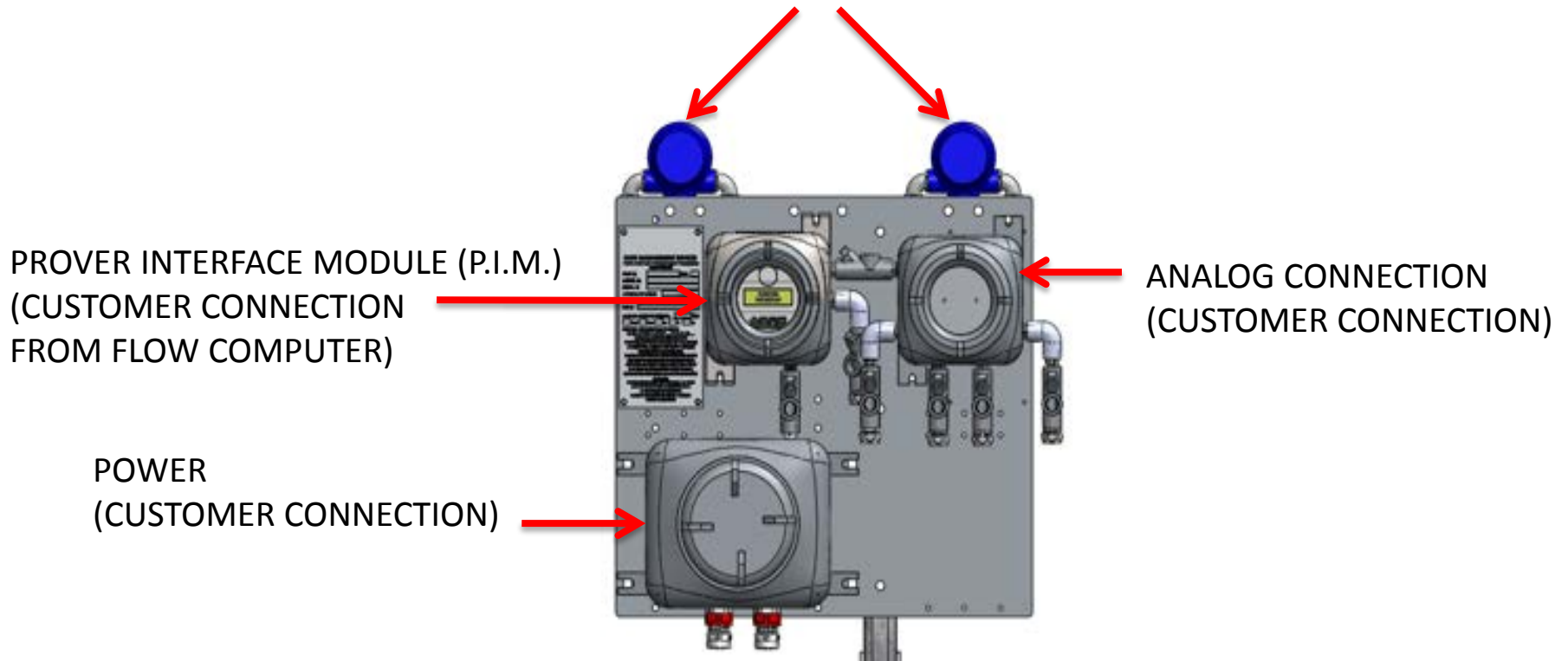
- SUPPORT BRACKETS (P/N 000-100808-COM) ARE PROVIDED FOR USE AT EACH MOUNTING POINT TO FACILITATE INSTALLATION.
- USE MINIMUM 1"Ø STUDS OR CONSULT WITH LOCAL AUTHORITY HAVING JURISDICTION, WHICHEVER DIAMETER IS LARGER. THE MOUNTING PADS HAVE 2" HOLES TO ALLOW FOR SOME TOLERANCE ALIGNMENT AND ADJUSTMENT.
- **THE MOUNTING HARDWARE MUST BE TIGHTENED AFTER THE PIPELINE IS CONNECTED TO THE FMD PROVER IN ORDER TO REDUCE THE STRESS TO THE PROVER AND FRAME. REFER TO FMD DOCUMENT 000-109892-DOC FOR ALLOWABLE NOZZLE LOADS.**

# PRECAUTIONS

- KEEP IN MIND THE PROVER IS A FINELY CALIBRATED MEASUREMENT INSTRUMENT. CARE MUST BE TAKEN TO AVOID UNDUE STRESS AND SHOCK WHEN INSTALLING.
- DO NOT CUT, WELD, GRIND, DRILL, OR OTHERWISE MODIFY ANY PORTION OF THE PROVER.
- THE PROVER CONTAINS ELECTRONIC AND PLATED COMPONENTS THAT CAN BE HARMED BY WELDING OR BY ANY INDUSTRIAL EQUIPMENT THAT CAN CAUSE A VOLTAGE SPIKE OR INDUCE ELECTRICAL CURRENT THROUGH THE PROVER. DO NOT WELD ON ANY PORTION OF THE PROVER AS IRREVERSABLE DAMAGE MAY OCCUR. WHEN WELDING ON PIPING CONNECTED TO THE PROVER, BE SURE TO FOLLOW PROPER GROUNDING PROCEDURES TO ISOLATE THE PROVER FROM THE ELECTRICAL CURRENT PATH.

# ELECTRICAL PANEL

SENSORS/TRANSMITTERS OPTIONAL



- VERIFY ALL CUSTOMER CONNECTIONS ARE TIGHT AND WATERPROOF TO AVOID MOISTURE INGRESS TO ENCLOSURE.