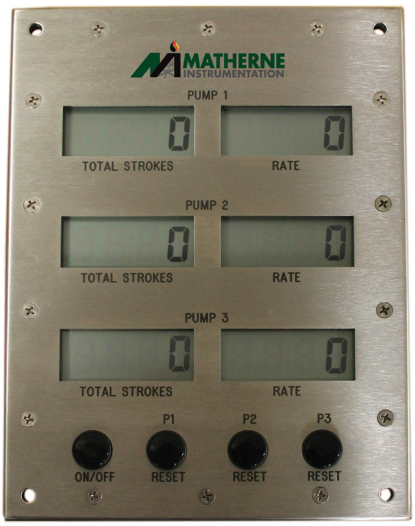
THREE-PUMP DIGITAL STROKE RATE METER Model PS106

The **Three-pump Digital Stroke Rate Meter** monitors and displays the rate and total strokes of up to three individual pumps simultaneously. The unit continually displays, on large easy to read, low power LCD Displays, RPM, TOTAL ACCUMULATED STROKES (0- 9999 total strokes) and STROKE RATE (8- 350 strokes per minute) for each pump. The unit is internally powered by a battery source having an operational life of 3 years.

The unit is requires no calibration. It has a unique low-low voltage shutdown, preventing damage to the LCD displays due to extremely low operating voltages. The enclosure is waterproof, IP-66 rated and is of all stainless-steel construction. All labels are etched permanently into the enclosure. The entire package is designed to operate reliably in the harsh environment of high vibration, moisture and constant usage of both land and offshore drilling operations.

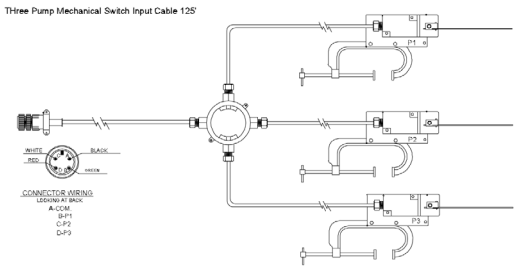
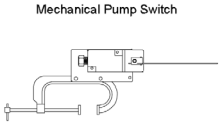


Model PS106 Three-pump Digital Stroke Rate Meter

FEATURES, Model PS106:

- INTRINSICALLY SAFE DESIGN Safe operation in Class I, Division 1, Group A,B,C and D
- TRUE THREE PUMP OPERATION Always monitors all three pumps
- SELF POWERED FOR 3 YEARS No external power required
- LOW VOLTAGE SHUTDOWN Eliminates LCD failures due to low battery voltage
- STAINLESS-STEEL CASE Rugged IP-66 (NEMA 4X) construction

The Digital Stroke Rate Meter System can be supplied in various configurations depending on customer requirements. Packages can be quoted with or without cables and/or junction boxes, depending on the need for an installation that will be permanent or be broken down for moving from site to site. This system can be combined with other Matherne Instrumentation/Innovative Electronics packages for complete consoles containing both hydraulic and electronic gauges and instruments, including computer systems.

SPECIFICATIONS, Model PS106:

DIMENSIONS: 10.125" L x 7.625" W x 3" D (20.3 x 20.3 x 10.2 cm)
WEIGHT: 8 lbs. (3.63 Kg)
POWER: 3-year, Internal Battery
TEMPERATURE: -40°F to +180°F (-40°F to +82°C)
RANGE: 8 to 240 Strokes Per Minute 0- 9999 Total Strokes
BATTERY: 3.6 Volt Lithium Cell
BATTERY LIFE: 5 years continuous operation under normal usage
EXTERNAL POWER: None