

TW Specialty LLC
Division "PumpStrokeCounters.com"
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MODEL 5700-1BPM



The 5700-1BPM is a specialty stroke counter designed for Snubbing companies and other small testing applications like truck rigs and pressure testing.

Model 5700-1BPM is a 1 pump stroke counter that can also monitor fluid per minute. It has 2 modes, SP mode for showing total strokes and rate per minute and BP mode that shows total barrels and barrels per minute. The unit can be calibrated for "strokes per barrel". Zero button to zero total strokes. Set BPM button used to calibrate and toggle between modes. Can be used for barrels, gallons, liters, etc.

Please specify fluid type; barrels, gallons, liters, etc for the faceplate when ordering

PC BOARD:

Embedded CPU [PIC12F683] ESD Protected Humiseal 1b31 protected
Large 1" x 2 1/2" LCD Displays
Auto Power On/Off
Auto Shutdown (Sleep Mode-after 5 minutes of no stroke unit will sleep) Push Button Reset Pump Strokes
Auto Clear SPM
Independent Pump Circuits
20ua Draw (Sleep Mode)
SPM (6 - 500)
Count (0 - 9999) "rolls over to 0"
Input (Switch Dry Contact) or (TTL)
Operating Temperature (-10°C ~ 60°C)
No calibration needed for standard counters (barrel counters have calibration)

POWER:

Long Life Lithium/Duracell Batteries (4-AA)
Option DC (9-30vdc) for 12dc systems (truck rigs, pressure testing skids)

ENCLOSURE:

Stainless Steel Case (Nema 4x, IP65) by design. Standard 3-pin Plug (1&2 Pump) (3 Pump 4 pin) O-Ring sealed switch boots
Durable 1/4" Lexan Window
Durable gasket seal
Mounting Holes (W 6 5/8" x H 6 5/8") (168.275mm x 168.275mm)

IS RATING:

Built to intrinsically Safe Design (Class 1, Division 1, Group A, B, C and D) Switch Voltage <7vdc, Switch Current .7ma
ECCN #EAR99, Schedule B #9029.10.8000
HS 84139190

Each pump section monitors the total strokes and strokes per minute (SPM). Each counter section has 1 micro controller, pic12f683 and 2 LCD display drivers PCF8577cp for each pump displayed. Compare this to other digital types that may have up to 20 or more parts needed to perform the same functions. After 5 minutes of inactivity the pump section will go to standby. The count is held in memory, even during standby. As soon as the counter detects a stroke the LCD's will power up and the count and strokes per minute will resume. The rate display is updated with every stroke. This saves battery life. Our rate meter uses 4 AA lithium/ Duracell batteries and allows you to replace them in the field saving you expensive replacement battery pack cost and down time.

Ready to serve you 24hrs a day. Units in stock! Normally ships next day.