

Flowconsole

Cummins PTG/PTR Pump Mobile Calibration Console



Features

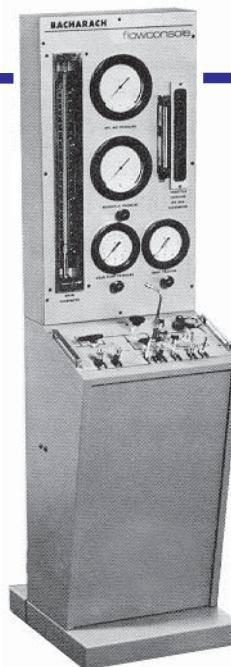
- Dual Range Main Flowmeter:
60–400 pounds per hour,
380–2200 pounds per hour
- Dual Range Idle/Leakage
Flowmeter: 10–80 cc/min,
80–600 cc/min
- ASA Flowmeter, Range:
82–820 cc/min
- AFC Air Pressure Gauge: 0–30 psi
- Manifold Pressure Gauge: 0–300 psi
- Gear Pump Pressure Gauge:
0–600 psi
- Inlet Vacuum Gauge: 0–30" Hg
- Mobile, Rubber Wheeled Dolly
- All instruments and controls are
conveniently located on the front
panel and console with etched flow
diagram
- Accessories included to mount
Cummins PTG/PTR pumps on the
Bacharach universal flange bracket

Description

The Flowconsole is a mobile calibration console designed to measure the operating parameters of Cummins PTG/PTR pumps when used with a suitable calibration stand. All gauges, flowmeters and accessories are in strict compliance with Cummins' requirements.

The Flowconsole is adaptable to all current Bacharach calibration stands and includes all the necessary accessories to mount Cummins pumps to the calibration stand flange bracket. The console is mounted on a rubber wheeled dolly for maneuverability.

All the controls are located on the canted front console with an etched flow diagram. The gauges and flowmeters are at eye level. A shop compressed air connection with filter and water separator is provided at the rear of the console for testing aneroids, AFC and ASA. A console mounted



three position selector allows the operator to admit regulated high and low air pressure to, and exhaust from, the aneroid, thus avoiding the effects of hysteresis.

Specifications

Instrumentation

- Main Flowmeter: Dual Scale,
60–400 lbs/hr, 380–2200 lbs/hr;
Accuracy $\pm 0.5\%$ of reading
- Idle/Throttle Leakage Flowmeter:
Dual Scale, 10–80 cc/min, 80–600 cc/
min; Accuracy $\pm 2\%$ of reading
- ASA Flowmeter: Range 82–820 cc/
min; Accuracy $\pm 2\%$ of full scale
- AFC Air Pressure Gauge: 6 inch dial,
0–30 psi; Accuracy $\pm 0.25\%$ of full
scale
- Manifold Pressure Gauge: 6 inch
dial, 0–300 psi; Accuracy $\pm 0.25\%$ of
full scale
- Gear Pump Pressure: $4\frac{1}{2}$ inch dial,
0–600 psi; Accuracy $\pm 0.5\%$ of full
scale
- Inlet Vacuum Gauge: $4\frac{1}{2}$ inch dial,
0–30" Hg; Accuracy $\pm 0.5\%$ of full
scale

Dimensions/Weight

- Width: 20" (50.8 cm)
- Height: 76" (139.0 cm)
- Depth: 24" (61.0 cm)
- Weight: 270 lbs. (122.5 Kg)

Services Required

- Air Pressure: 80–125 psi (2 CFM)

Accessories

All the necessary items required to mount Cummins PTG/PTR pumps on the flange bracket of Bacharach calibration stands including: drive discs, mounting adapters, two-valve AFC calibration kit, hoses and pump inlet adapters.

Ordering Information

77-7009 Flowconsole



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