

Cummins and Detroit Diesel Flow Comparators

Accurately determines fuel delivery of
Cummins and Detroit Diesel engine injectors



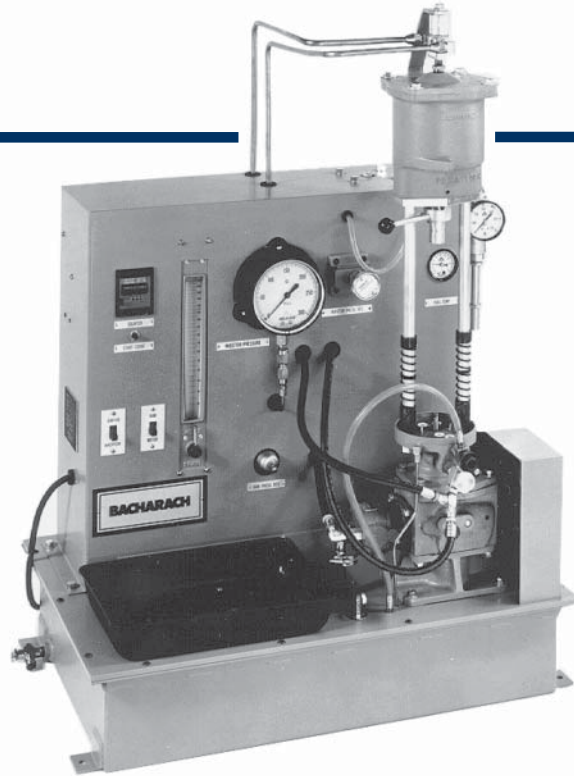
Features:

- Fuel system completely enclosed; pressure and flow characteristics comparable to those at normal engine operation. 5 micron filtration.
- Plastic graduate, 160 cc. capacity; pyramidal shape assures accurate readings.
- Dual-speed drive adjustable to Cummins or Detroit Diesel applications.
- Hydraulically operated injector clamp and ram control.
- Cam position quickly selected by convenient shift lever.
- Automatic stroke counter, electro-mechanical type.
- Fuel tank, 10 gallon capacity.
- Pressure regulator adjusts fuel pressure to test specifications.
- Pressure gauge, 0–300 psi for maintaining fuel pressure to manufacturer's specifications.
- Thermometer, range 40–140 °F, indicates temperature of test oil. Fuel tank equipped for connection to water supply for heating or cooling of test oil.

The Injector Flow Comparator is essential for establishing and adjusting the fuel output of unit injectors; a procedure which makes possible the selection of a precisely balanced set of injectors.

With a matched set of injectors, all engine cylinders receive identical quantities of fuel to ensure smooth and efficient engine operation.

The unit is entirely self-contained; the convenient size permits it to be placed on an ordinary shop table; and in operation as soon as the electrical connection is made.



Shops which service both Cummins and Detroit Diesel Injectors normally select Flow Comparator 67-1219 (illustrated) for testing Cummins Flanged PT Injectors used in C, H, J and NH engines, as well as Detroit Diesel 53, 71 and 92 Injectors.

With supplementary accessories, optional at reasonable cost, the Flow Comparator can also be used for testing Cummins Cylindrical PTB, PTC and PTD Injectors.

Specifications:

Electrical: $\frac{3}{4}$ Hp., ball-bearing, continuous-duty motor, 110 Volt, single phase, 60 Hz. Other voltage and frequency options available at extra cost.

Dimensions: 32" W x 21" D x 42" H (overall)

Shipping weight: approx. 415 lb.

Ordering Information:

67-7057 INJECTOR FLOW COMPARATOR complete with accessories for CUMMINS Flanged PT Injectors used on C, H, J & NH Engines.

67-1219 INJECTOR FLOW COMPARATOR complete with accessories for CUMMINS Flanged PT Injectors used in C, H, J & NH Engines and accessories for testing DETROIT DIESEL 53, 71 & 92 Injectors.

67-4216 ACCESSORIES to extend use of Injector Flow Comparators above for testing CUMMINS Cylindrical PTB & PTC Injectors.

Ordering Information (Cont.):

- 67-6154** ACCESSORIES to extend use of Injector Flow Comparators above for testing CUMMINS Cylindrical PTD Injectors.
- 67-7533** FIELD MODIFICATION KIT for adapting Injector Flow Comparators above for testing CUMMINS K Injectors.
- 67-4228** ACCESSORIES to extend use of Injector Flow Comparator 67-7057 for DETROIT DIESEL 53, 71 & 92 Injectors.



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