



# ***LEAK TEST EQUIPMENT FOR AUTOMOTIVE POWERTRAIN COMPONENTS***

- ✓ *Transmission Cases*
- ✓ *Converter Housings*
- ✓ *Transmission Pumps*
- ✓ *Differential Housings*
- ✓ *Transmission Oil Filters*
- ✓ *Shaft Seal Assemblies*
- ✓ *Transmission Lines*



## **Combination Mass Spec (Helium) and Pressure Decay Leak Test Machine for Transmission Cases**

- *Integrated system self-test with calibrated leak*
- *Helium accumulation leak test for  $5.0 \times 10^{-2}$  std cc/sec @ 0.5 bar*
- *Pressure decay leak test of internal passages for  $5.0 \times 10^{-3}$  std cc/sec @ 0.5 bar*
- *50+ parts/hr production rate*

### **Rely Upon FTI's Excellent Reputation For:**

- ✓ *Uptime - robust and reliable machines*
- ✓ *Immediate world-class service and support*
- ✓ *In-Depth Training*
- ✓ *On-Time Delivery*
- ✓ *All-Inclusive Pricing*



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## **LEAK TEST EQUIPMENT FOR AUTOMOTIVE POWERTRAIN COMPONENTS**

### **Pressure Differential Leak Test Machine for Transmission Oil Filters**

- Dual Station
- Leak Test for  $2.5 \times 10^{-2}$  scc/s @ 20 PSIG
- 109 parts/hr production rate



### **Mass Spec Helium Leak Tester for Transmission Pumps**

- Auto eject & ink marking
- Leak Test for  $3.0 \times 10^{-3}$  scc/s @ 10 PSIG
- 156 parts/hr production rate

### **Pressure Decay Leak Test Machine for Cylinder Sleeves (Liners)**

- Leak test for  $1.7 \times 10^{-1}$  scc/s @ 20 PSIG
- 225 parts/hr production rate



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