



providing world-class leak test and assembly verification solutions

TURBO CHARGER HOUSING LEAK TESTING

Market driver:

Increased power, improved fuel consumption and reduced exhaust gas pollution is driving the high growth rate of turbo charged diesel engines.

Test requirement:

Turbo charger housings are typically castings that are machined for precision assembly. Both raw and machined castings are routinely leak tested to detect manufacturing flaws. Pressure decay testing to a leak rate specification of 5 sccm at 20 psig is typical.

CTS Solution:

Manual load and unload pressure decay test stand utilizing a Sentinel I-24 leak test instrument. Designed to accommodate potential future robotic interface.

