



The integrated test bench for oil pump and accessories can test the oil pump and accessories assembled by aero-engine, including oil heat ex-changer, oil filter, etc., and provide different test solutions for research and maintenance units.

Main test functions:

Pressure test, maximum flow test, overflow valve and throttle valve function test, fatigue test, cavitation test, pump performance test, oil cut-off test, lean oil test, burst test, pressure cycle test, over-speed test, low temperature start test, high and low temperature test and anti-pollution test.

Main performance:

- Working medium :M:L-PRF-23699;
- Working medium temperature: $-60^{\circ}\text{C} \sim 160^{\circ}\text{C}$;
- Working liquid filtration accuracy: 3 μm ;
- Pressure range of booster tank: 0 ~ 30 psi;
- Drag motor speed: 0 ~ 7000 r/min (adjustable);

- Driving motor speed control precision: ± 5 r/min;
- Drive motor power: 7.5KW;
- Tank volume: 250 L;