



SPECIFICATIONS OF TEST EQUIPMENT FOR TRACTOR DIESEL ENGINE PERFORMANCE TESTS ACCORDING TO OECD TRACTOR TEST CODE

PTO test equipment for tractor diesel engine performance tests according to OECD tractor test code (Quantity: 1 set)

1. GENERAL REQUIREMENT

2. Tractor PTO shaft power test bench for tractor diesel engine performance tests according to OECD tractor test code 2
3. Engine power range: 30-100kW
4. Dynamometer: DC electric
5. Energy dissipation method: resistance box
6. Dynamometer height adjustment: electric lift
7. Test output parameters: PTO and engine rotational speeds (rpm), torque, power, fuel consumption and specific fuel consumption, smoke analytics

2. TECHNICAL REQUIREMENTS

8. An industrial computer with a data logger, oil temperature sensor, fuel consumption meter, and smoke meter must be included to measure and record all the output parameters.
9. Software must be included for data logging and reporting.
10. Torque calibration device for dynamometer to be included.
11. PTO torque 0 ~ 1700 N.m.
12. PTO speeds: 540/760/1000rpm.
13. Dynamometer height adjustment range: 480-900mm.

3. COMPULSORY REQUIREMENTS

14. Installation and commissioning at the ARC-Agricultural Engineering
15. Training on operation and maintenance
16. Warranty: minimum 24 months