



Computerized Starter Free Run Tester

FRT-10

Features:

- Quickly & safely performs starter free run test, excellent for warranty analysis centers
- PC based measuring, reporting and statistical functions based on D&V Electronics Powerful new X-1 Platform
- Measures and checks free run speed, current, coast time and solenoid contact voltage drop.
- Measure solenoid Pull-In and Hold-In Voltage and Current with programmable voltage ramp up/down time. With optional possibility to perform solenoid block test
- Measures and checks starter coast (deceleration) time to check for excessive friction
- Customizable printed test reports via MS Excel & D&V Electronics XL-Plot report generator can be printed and localized for any language
- Fast setup and change over with non-contact Rpm sensor
- Programmable delay for brush seating time
- Customizable work instructions can be localized for any language
- Customizable test procedures via X-1 SpecView Program and D&V script files
- 1200 Watt 120 Amp programmable power supply



100
75
50

Technical Data & Measured Parameters:

Starter Free Run Current	0 to 150 Amps	Solenoid Pull-In Voltage	0 to 40 Volts
Free Run Speed	0 to 12000 Rpm	Solenoid Hold-In Voltage	0 to 40 Volts
Solenoid Pull-In Current	0 to 150 Amps	Solenoid Contact Voltage Drop	0 to 2.5 Volts
Solenoid Hold-In Current	0 to 150 Amps	Shipping Weight	100lbs. - 45kg

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