ALL-TEST PRO MD III™

COMPLETE MOTOR TESTING ASSEMBLY





Includes all you need for complete energized and deenergized testing of motors, generators & transformers. Combine the power of Motor Circuit Analysis™ (MCA™) and Electrical Signature Analysis (ESA) to evaluate and trend your entire motor system.



Improve Your Plant's Productivity and Increase Profits with the MD III[™] Assembly.

MCA and ESA testing using the MD III[™] allows the technician to evaluate the entire motor system including incoming power, electrical and mechanical condition of the motor and mechanical condition of the driven load.

Motor Testing	Power Quality	Controls	Connec- tions	Cables	Stator Elec.	Stator Mech.	Rotor	Air Gap	Insulation	Bearings	Alignment	Load	Drives
De-Energized (MCA)		x	x	х	x	x	x	x	X				
Energized (ESA)	x	x	L		L	x	x	x		L	x	х	L
MD III™	x	x	x	x	x	x	х	x	x	х	x	x	L

Green (X) indicates that an early fault can be detected and trended for condition-based and predictive maintenance purposes. Yellow (L) indicates a fault can be detected, but not at its earliest stage.

∑ [ms] (ms] [ms]							
Monte Subsystem Prode 1 Prode 2 Prode 3 Feat / Uses V X X Prode 1 Stat <th>lectra PE is before C 25</th> <th>hesuts (1000</th> <th></th> <th></th> <th></th> <th></th> <th></th>	lectra PE is before C 25	hesuts (1000					
Statistic BearPain C2 C3 D7 NV Model Mark A D3 D1 D4 D5 NV Model Mark A D3 D3 D1 D4 D5 NV Model Mark A D2 Mark D5 D1 D4 D5 NV Model Mark A D2 D4 D5 NV D4 D5 NV Model Mark C D2 D5 D2 D5 D2 NV Model Mark D4 D4 D4 D4 D4 D4 D4 D5 D5 D2 D5 D2 D5 D2 D5 D4 D5 D5 D2 D4 D4 D5 D4 D5 D5 D2 D5 D2 D5 D4 D5 D5 D2 D5 D2 D5				Phs-2	Phs-3	Total	Units
Statistiti Read Pick R2 Q2 Q3 D7 NV Model ND MA K Perspective Pick R3 Q3 Q4	TK.	Power factor	0.574	0.544	0.617	0.583	
OK Approximit Nev. OK OK OK OK xx Ritratil a gentizable (C-4) Rumming Cet. 1.4 1.2 1.7 1.4 Amp op (endorrice) 0K Line Voltage 488.6 472.3 472.2 471.0 Val		Real Pwr.	8.2	0.2	0.3	0.7	KW
P Bit statult is genetizated (C-4) Public efficiency Public efficiency Out U	Dief NOT reutral OK	Reactive Pwr.	0.3	0.3	0.4	0.9	KVAR
X 68 Habits speedsozele (C4) Provining Crk. 1.4 1.2 1.7 1.4 Amp x (rectivine) 0K Line Vokage 458.6 472.3 471.0 Vait	tion OK	Annarent Pwr	0.4	03	0.5	12	KVA
or (rechance) 0K pp 0K Line Voltage 468.6 472.3 472.2 471.0 Volt							
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	ing Encount interations						

The MD III[™] has auto-diagnosis to provide an immediate health status report. Route-based testing and trending features make this an ideal instrument for predictive maintenance. The MD III reports provide an indication of early winding faults, rotor problems, incoming power issues, electrical and mechanical motor condition, and driven load mechanical condition.

The MD III™ includes:

- Rugged hard-sided carrying case
- ALL-TEST PRO 7[™] PROFESSIONAL
- ALL-TEST PRO On-Line III™
- MCA PRO[™], Electrical Signature Analysis (ESA) and Power System Manager (PSM) Software, single user license
- DVD Instruction manual
- Warranty: 1 year limited; Optional extended warranty available

Find out more about our Productivity System.



Enhance energized testing safety and improve testing productivity by installing the ALL-SAFE PRO® Connection Box. Bluetooth in ATPOL III™ allows for remote operation of the instrument.

(6) ALL-SAFE's included with the MD III™Productivity System.

REPRESENTED BY		

The ALL-TEST Pro Promise

ALL-TEST Pro delivers on **the promise of true predictive maintenance and troubleshooting,** with innovative diagnostic tools, software, and support that enable you to keep your business running. We ensure the reliability of motors in the field and help to maximize the productivity of maintenance teams everywhere, backing every ALL-TEST Pro product with unmatched motor testing expertise.

ALL-TEST Pro P.O. Box 1139 Old Saybrook, CT 06475 USA Tel: 860-399-4222 Email: info@alltestpro.com Web: alltestpro.com

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