



Engine Rebuilding Equipment

**Innovation  
Starts *HERE!***



## **RMC ETS-100 ENGINE TEST SYSTEM**

**The RMC-ETS100** is an accurate and dependable solution to systematically test and identify most common mechanical malfunctions encountered by engine builders, assuring your products will exceed your customers' expectations.

This new innovative design offers complete freedom to customize the operator digital control panel with manual and fully automated testing programs, utilizing the latest electronics, sensors and controls to collect pertinent data for input to the onboard computer and output to the screen, USB, or emailed for analysis or printing.

*Dedicated to serving your engine rebuilding equipment needs, since 1957*



FULL 15" DIGITAL TOUCH SCREEN

## INSTRUMENTATION WITH GRAPHICAL GAUGES AND BUTTONS

- Full 15" LCD Digital touch screen for ease of set up for monitoring testing functions.
- Temperature, filter condition and flow monitored on screen.
- Crankshaft rotation angle graph displayed on screen.
- Movable Control panel allows operation of the machine from the right or left hand side.



EASY ACCESS WORK AREA

## SAFETY & VISIBILITY

- Extremely fast loading with adjustable block cradles and four-point clamping.
- Two 30" x 20" removable Lexan safety guards provide safe operation during all testing cycles.

## TESTING CAPABILITIES (In Suggested Order)

- Vacuum Test of coolant system for potential leak down. (No Crankshaft Rotation)
- Pre-Torque Test for pre-lubing and checking oil flows to all components, unbalanced noises, loose components.
- Torque Test for crankshaft loads looking for improper fit of most moving components.
- Run-In Test for checking oil pressure (PSI) and flow (GPM) utilizing heated filtered oil also excessive leakage and missing plugs.
- Compression Test-reads all cylinders (PSI) to the screen as Pass/Fail with a Retest option on each cylinder.



QUICK ATTACH DRIVE SYSTEM

## POWER DRIVE SYSTEM

- Infinitely variable speed, reversible, constancy torque drive motor system. Digital motor drive delivers accurate linear torque/load reporting for all rpm ranges.
- A heavy duty telescoping drive shaft with quick connect coupler to the universal crankshaft adaptor provides easy setup.



## OPTIONS AVAILABLE

### EIGHT COMPRESSION CONNECTIONS

Quickly connect and test up to 8 cylinders at the same time for efficient and accurate compression test results.



### BAR CODE SCANNER

Allows you to scan and keep the most accurate information about the engines you are rebuilding.



### VARIABLE DISPLACEMENT TESTING

(Hemi MDS shown) is an effective way to test whether the cylinders are deactivating properly.



### REMOTE OIL PAN

Works great for testing the engines actual oil pump to detect improper functioning oil system.



### PANEL SPEAKER

Allows the operator to listen to the included training videos in the work environment.



Remote oil pressure sensor is used in conjunction with the remote oil pan to verify the actual oil pressure being produced at set RPM.





Vacuum Test Screen



Run In Screen



Torque Test Screen



Compression Test Screen

## RMC ETS-100 SPECIFICATIONS

Machine Model	RMC-ETS100
Test Engine Max Length	45 Inches
Test Engine Max Width	30 Inches
Max Work Piece Weight	1200 LBS
Motor H.P.	7.5 HP
Oil Filter System	2 Industrial Screw on Filters
Oil Tank Capacity	10 Gallons
Max Vacuum	25 inHg
Heater K.W.	2 Kilowatt
RPM Max	500 RPM
Electrical Requirements	220V 3PH 60 Cycle
Amps	45 FLA
Air Requirements	110 PSI at 5 CFM
Floor Space Required (W x D)	150" x 90"
Machine Weight	1500 LBS
Shipping Dimensions	96" L x 54" W x 52" H
Shipping Weight	1900 LBS



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