

TEST EQUIPMENT

EASTERN ELECTRONICS TEST EQUIPMENT

MAGNETO TIMING LIGHT - MODEL E50



Designed specifically for internal timing of aircraft magnetos and for synchronizing magnetos to aircraft engines. Eliminates all guesswork and provides a greater safety factor by creating perfect timing quickly and easily. Simply attach three clips to the magnetos and adjust until both bright lights flash in sync and the buzzer changes pitch. Fail-safe circuitry, variable pitch buzzer. Heavy-duty 3"x 5"x 2-1/8" unbreakable case. Wt. 1.5 lbs. Complete with 18 gauge lead wires 36" long and instructions.
 P/N 12-01013
 U.S. Industrial Equivalent.....P/N TP105.....

AIRCRAFT TIMING INDICATOR MODEL E25



This all-aluminum unit improves and speeds up the timing of magnetos to the engine. Easily attached to propeller spinner, it is accurate to within 1/2 degree. Has easy to read dial and comes with top dead center locator and mounting bands.
 P/N 12-01014
 Replacement Piston Stop
 P/N 12-18100
 U.S. Industrial Equivalent
 P/N TP102.....

MAGNETO TIMING LIGHT



These devices measure the change in inductance in the magneto coil when the points open and close. Simply shorting the clip leads together will not indicate a point closing, therefore eliminating any false reading caused by loss of contact to the magneto grounding terminal. To use, simply remove one plug from each cylinder. Connect black clip lead to engine ground. Connect red and green leads to right and left magneto terminals. Turn propeller slowly. When the points open the LEDs will turn off and the audio "tweeter" will sound. The magneto connected to the red lead will sound a rapid beat and the magneto connected to the green lead will sound a slower beat. When both sets of points are open, a third and continuous sound will be emitted. Adjust magneto timing accordingly. 100% solid state, compact 3/4" x 3" x 5" size, long battery life. Color coordinated leads are 4 ft. long. Comes in strong anodized aluminum case.
 Dual Magneto Synchronizer w/Tweeter P/N 12-16901
 Dual Magneto Synchronizer w/o Tweeter P/N 12-16902
 Single Magneto Timing Light w/Tweeter P/N 12-16903

TRACERLINE AVIATION ULTRASONIC LEAK DETECTOR



Master Kit Includes: • Marksman Receiver • UltraSonic Emitter • Headphones • 12 inch Air Probe • Contact Probe • Carrying Case
Features: • Converts & Amplifies Ultrasonic Sound Into Audible "Natural" Sound for Accurate Diagnosis. Finds Problems Before They Result in Major Breakdowns
 • Frequency Response: 36,000 - 44,000 Hz • Detects Air Brake, Compressed Air, Vacuum, EVAP System and Other Pressurized

Leaks Quickly and Effortlessly • Pinpoints Gear and Bearing Wear in Wheel Hubs, Transmissions, Transfer Cases, Differentials and Electric Motors. Check for Electrical Discharge Associated with Insulation Breakdown, Carbon Tracking and Arcing • Finds Air and Water Leaks Passed Faulty Seals, Gaskets and Weather Stripping in Passenger Cabs, Trailers and other Non-Pressurized Enclosures Using Ultrasonic Pulses
 10-Bar LED Intensity Indicator Helps Detect Sounds Well Beyond the Range of the Human Ear • Automatic Gain Control that Instantly Compensates for Changes in Signal Strength so you can focus on the task
Specifications: • Shipping Weight: 3.4 lbs (1.7kg) • Housing: Chemical Resistant Nylon with Protective Boot • Battery Life: Approx 20 hours. • Power Requirement: One Standard 9-Volt Alkaline Battery Each for. • Receiver & Emitter • Power Consumption: 27mA • Frequency Response: 36,000 - 44,000Hz • Circuitry: Solid State • Headphones: Full-Sized, noise attenuating
 P/N 12-01745.....

HIGH VOLTAGE CABLE TESTER MODEL E5



Gives a fast, accurate test of high voltage aircraft ignition cables. Simply connect 3 wires, push test button and test is completed. The E5 will instantly indicate in its test window both good and defective cables - no waiting for indication to appear. Fail-safe circuitry. Heavy-duty lead wires. Compact 3" x 5" x 2-5/8" case. Wt. 1-1/2 lbs.
 P/N 12-01016
 U.S. Industrial equiv P/N TP103.....

DIFFERENTIAL CYLINDER PRESSURE TESTER

DIFFERENTIAL CYLINDER PRESSURE MODEL E2A



The Model E2A tester quickly locates worn or cracked rings, a defective intake or exhaust valve, scored or cracked cylinders, leaky head gaskets, worn or stripped spark plug bushings, etc. Eliminates guesswork by allowing you to locate the exact location and cause of your engine's loss of efficiency. The Model E-2M differential cylinder pressure tester, with a SLOW FILL safety valve and built in Master Orifice, has been field tester for 2 years by Teledyne Continental Motors, and has been approved for use on Teledyne Continental Engines by their Engineering and Field Services Group. The new valving adds additional safety; speeds up the test process. Rugged construction features heavy-duty gauges, extra long high-pressure hose, precision regulator, all connections quick-disconnect, 18mm plug adapter. Complete instructions with each unit. "M" models have built-in master orifice.

- E2A - for cylinders < 5" bore.....P/N 12-01012
- E2A-1000 - for cyl. > 5" boreP/N 12-01017
- E2M - for cylinders < 5" boreP/N 12-01015
- E2M-1000 - for cyl. > 5" bore.....P/N 12-00692
- E2A-12mm (Rotax) for cyl. < 5" bore.....P/N 12-00693
- 12 mm AdapterP/N 12-01018
- 10/14 mm AdapterP/N 12-18201
- 18 mm AdapterP/N 12-18202
- U.S. Industrial Equivalent.....P/N TP104.....
- 14MM Adapter.....P/N TP171.....
- 18MM Adapter.....P/N TP104-9A

COMPRESSION TESTER EXTENSION



This tool makes compression testing easy. Wrench free way to test that allows for exhaust system and baffling clearance. Tester is manufactured with quality-welded construction and offers a spark plug thread with O-Ring seal. It has a standard air fitting.
 P/N 12-01060

AUDIOTECH PROBE



The Model AT201 diagnostic Listening Tool is a versatile, time-saving tool which is ideal for use in any application where there is movement of mechanical parts, air, gas, or fluid. Ideal for use on commercial, general aviation, or homebuilt aircraft and helicopters for application such as air leak and vacuum detection, bearing wear, worn or chipped gears, engines, turbines, and compressors, hydraulics, fuel injectors, flow valves, instrument failure, and more. Audiotech Probe can quickly and accurately pinpoint the trouble spot so that the problem can be fixed quickly the first time. Diameter of small mic at end of probe is 3mm. AAA battery included. Perfect for homebuilders, A & P's, A & E's, and A & I's.
 P/N 12-21420

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