1015 ProBalancer Sport

ACES SYSTEMS

1015
ProBalancer Sport

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The Model 1015 ProBalancer Sport is the most economical option in the aviation propeller balancing industry. The Model 1015 ProBalancer Sport performs propeller balancing that combines the economy of an entry-level balancer with the accuracy that exceeds any capabilities available in other entry or mid – level instruments.

1

AUTOMATED SOLUTIONS
The 1015 ProBalancer Sport calculates and provides the placement location and amount of weight to be added.

2

EASY TO USE
The 1015 also incorporates the ACES Systems' hallmark of ease of use. Fill-in-the-blank or option selection screens prompt you through the entire balancing process.

3

RECHARGEABLE
The 1015 utilizes either NiMH rechargeable or standard 1.5-volt AA batteries and can be changed without losing data.

• FEATURES:

- Simple and easy-to-operate tool that automates propeller balancing tasks

- Capable of one-channel data acquisition for an automated balancing process with minimal user required input

- Tachometer input capable of acquiring speed signals from a TTL source up to a maximum of 6000 rpm

- Vibration input is calibrated to accept a signal from the STI CP 0907003 vibration sensor

- Designed to allow propeller balance on virtually any aircraft

- Process gives step-by-step directions while requiring very little information or action from the user

- Designed to be an accurate, easy-to-use, inexpensive, lightweight and portable unit

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ACES 1015 Specifications

SENSOR TYPES

The Aces 1015 will only accept the STI CP 0907003 accelerometer. The output is 10 m V per g and is preprogrammed to the ProBalancer Sport.

- **Tachometer Inputs**
  +/- 2 %, 300 to 6000 RPM

- **Vibration**
  300-6000 RPM

- **Frequency Range**
  Power, Tach, Ready

- **Operation Temperature Range**
  -20 C to 70 C

- **Propeller Balance**

- **Display**
  LCD, Contrast Adjustable, and continuous back light

- **Power Supply (Not Included)**
  4 AA NiMH rechargeable batteries

- **Dimensions**
  1 lbs and 7.5″ (8″ including connectors) Long X 1.25: Deep X 4″ Wide

- **Weight**
  Approximately 2.0 lbs assembled

- **Keyboard**
  20 button keypad consisting of 10 numeric keys and 10 function keys