

Professional Arrow Preparation System Operation Manual

Congratulations and thank you for your purchase of the Professional Arrow Preparation System (PAPS) by Firenock LLC. Now, your first dynamic bend and spine deflection value can be located easily and accurately.

Contents

- 1 36" Double Slide Track
- 1 Main Tower
- 2 Arrow Support Rollers

Additional Accessories

- 1 Vibration Module
- 1 Digital Gauge Module
 - 1 Mounting Arm
 - 1 Digital Gauge w/ Titanium Extension
- Bar
 - 1 Zero Reference Support
 - 1 Brass Weight (1.92 lb)
- 1 Laser Module
 - 1 Laser Mounting Module
 - 1 Laser Module

A. Installation

1. Put the double slide track on a flat surface.
2. Loosen the tightening knobs on the arrow support rollers and the main tower.
3. Slide the main tower onto the track.
4. Move and tighten the tower to the center of the track.
5. Slide each of the arrow support rollers onto the slide track closest to you. Make sure that the ball bearings of the rollers are facing each other.
6. Move and tighten each arrow support roller about 14" from that center.

B1. First Dynamic Bend (Spine) Check Setup

1. Loosen the tightening knobs on the arrow support rollers.
2. Pull up the top of the main tower to allow room to accept your arrow shaft.
3. Place the arrow upon each roller but below the raised top of the main tower.
4. Move and tighten the arrow support rollers to the furthest ends of the arrow, carbon to carbon.

B2. First Dynamic Bend (Spine) Check Operation

1. If available, place the vibration module onto the top of the main tower. Requires 3 AAA batteries.
2. If available, on the vibration module, press the "on" button (red). Operates 17 seconds at a time.
3. Slowly roll the arrow with the first portion of your pointer finger. As you roll, there will be a few points at which you will feel a "valley." These

points are the dynamic bends of your arrow. After becoming familiar with these points on your arrow, find the largest or most obvious. Mark it with a permanent marker; this is your first dynamic bend.

C1. Digital Gauge Module Setup

1. Install the mounting arm onto the back of the spine locating tower via the 2 mounting screws.
2. Install the digital gauge onto the mounting arm via the oversized screw (use a coin such as an American quarter is recommended.)
3. Place the zero reference support in the center of the slide track.
4. Place your arrow onto the ball bearings of the arrow support rollers.
5. Press the "on" button to switch on the digital gauge.

C2. Digital Gauge Module Operation

(Spine Deflection Value Check)

1. Install the brass weight to the top of the spine locating tower.
2. Zero the digital gauge.
3. Remove the zero reference support (block beneath gauge).
4. Roll your arrow and push/bounce the top of the tower (if available, use weight for a more precise reading).
5. Read and record the results from the the digital gauge once stable.
6. Repeat steps (2-5) at different points on the arrow shaft to find the average.

D. Laser Module Setup & Operation

1. Slide the laser mounting module onto the slide track farthest away from you.
2. Move and tighten the mounting module close to the end of the arrow you intend to mark.
3. Install the laser module itself onto the mounting module via its mounting screw.
4. Locate the first dynamic bend (spine) of your arrow (see B1 & B2).
5. Switch on the laser module.
6. Loosen the arm knob and/or laser head knob to adjust and align the laser line parallel to where the first dynamic bend was located.
7. Mark with a permanent marker.

*** For more information and detailed video instructions, visit <http://firenock.com>**

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