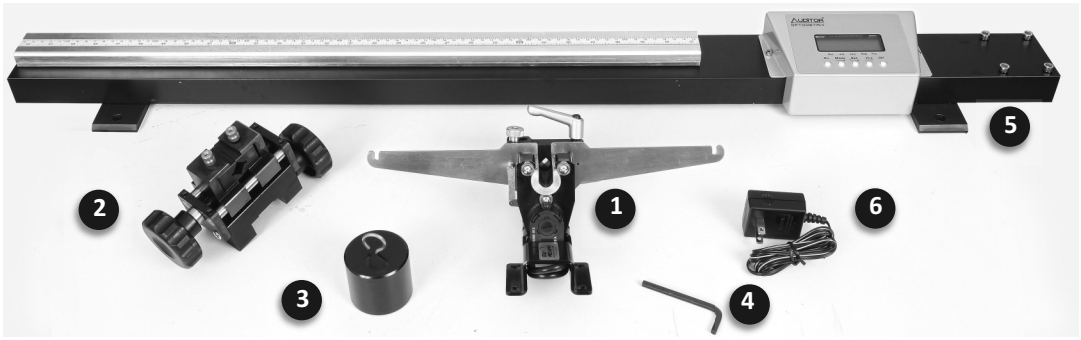
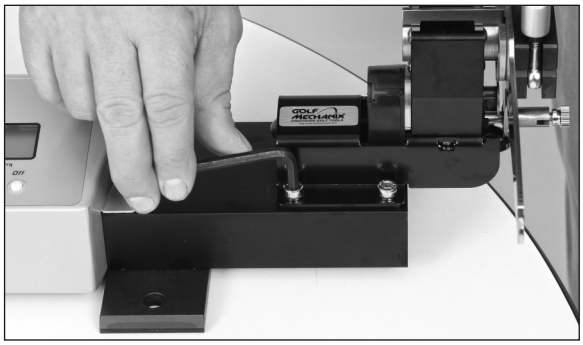
THE GOLFWORKS®

INSTRUCTIONS FOR:
Digital Torque Machine
Code: **GW0124**

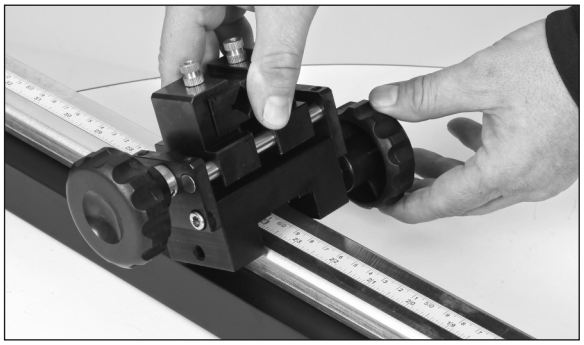
Parts List:
1. Torsion Control Head
2. Shaft Butt Clamp
3. Torsion Load Weight
4. Hex Wrench
5. Digital Torque Machine Frame
6. AC Adaptor



Assembly Instructions



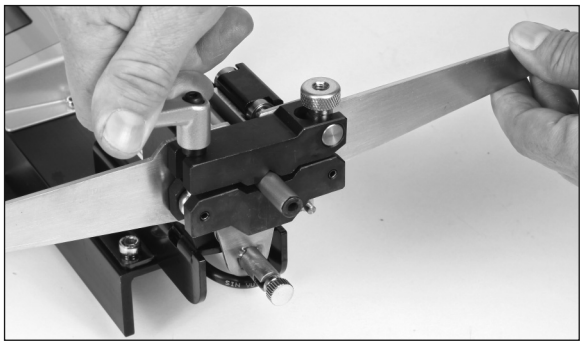
1. Bolt the Torsion Control Head to the Digital Torque Machine Frame using the Hex Wrench and bolts provided on the Digital Torque Machine Frame.



2. Place the Shaft Butt Clamp on to the Digital Torque Machine Frame. Make certain the lower knob is completely loosened to allow the Shaft Butt Clamp to easily slide over the Machine Frame and that it moves freely. Lightly tighten the lower knob to lock the clamp onto the track

3. Plug the sensor cable and DC jack in to the back of the digital readout control.

4. To allow the torsion arm to rotate freely in both directions, pull the latch pin out and rotate ½ turn. To set the torsion arm back into the lock position, rotate the latch until it locks in the neutral position.



5. Open the shaft tip clamp by loosening the swivel bolt and passing it over the slot and then loosen the thumb screw. This will allow the upper clamp to be opened fully.

6. Release and slide the butt clamp to the back of the track and open the clamp to accept the shaft butt.

4820 Jacksontown Road | P.O. Box 3008 • Newark, Ohio 43058-3008 | Toll Free: 800-848-8358 • FAX: 800-800-3290 | Canada Toll Free: 800-387-5331
e-mail: golfworks@golfworks.com • website: www.golfworks.com

Operating Instructions - Measuring Raw Shafts

1. Insert the shaft tip into the shaft clamp (picture 5) and tighten. The shaft tip needs to protrude from the shaft clamp 1.5" from the back of the clamp. (picture 6)

2. Clamp the butt end of the shaft into the Shaft Butt Clamp so that the shaft butt protrudes 5" from the butt clamp. (picture 7)

3. Turn "on" the digital control unit and wait until the display indicates "0.00". The digital control unit does not need to be calibrated. Only the "On", "Off" and "Set" buttons are used. The "Mode" and "Fn" buttons are disabled by default on this model.

4. Hang the 1lb/ft Torsion Load Weight on to either side of the loading arm and release it slowly. (picture 8) Note: The latch pin must be released for the torsion arm to rotate freely – see Operating Instruction #4.

5. Record the torque value displayed on the digital readout control. (Torque value will be displayed to the 1/10 of a degree)

6. Remove the loading weight and allow the loading arm to return to the neutral position.

7. Repeat steps #4 and #5 only with hanging the loading weight on the opposite side of the loading arm.

8. The torque value of the golf shaft is the average between the two recorded torque values.

Operating Instructions - Measuring Assembled Clubs

1. Insert the assembled club into the shaft clamp so that the clamp end is flush with the ferrule or hosel and tighten. (picture 9) Note: Only the shaft should be clamped in the shaft clamp. Do not attempt to insert the ferrule or hosel into the shaft clamp.

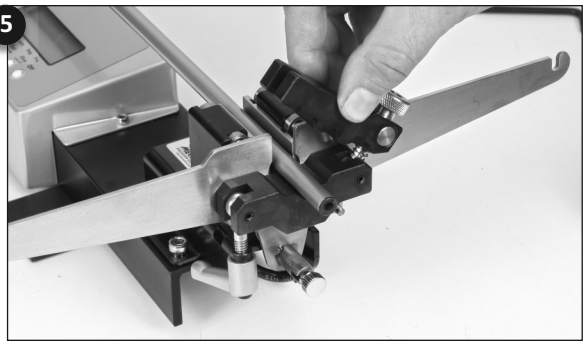
2. Insert the butt end of the shaft into the butt clamp so that the grip is flush with the clamp and tighten.

3. Turn "on" the digital control unit and wait until the display indicates "0.00". The digital control unit does not need to be calibrated. Only the "On", "Off" and "Set" buttons are used. The "Mode" and "Fn" buttons are disabled by default on this model.

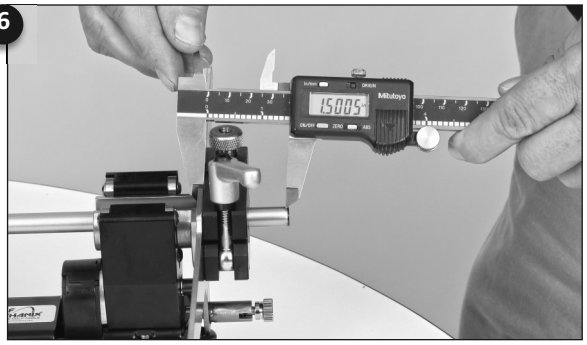
4. Hang the 1lb/ft Torsion Load Weight onto the side of the loading arm facing the club face and release it slowly. (picture 8) The Torsion Load Weight is always applied to the loading arm facing the club face thus only one torque measurement is required. Note: The latch pin must be released for the torsion arm to rotate freely – see Operating Instruction #4.

5. Record the torque value displayed on the digital readout control. (Torque value will be displayed to the 1/10 of a degree)

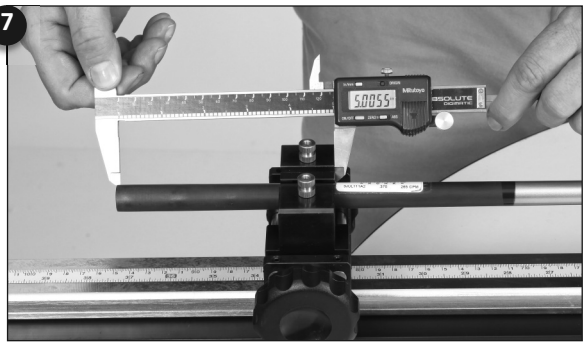
5



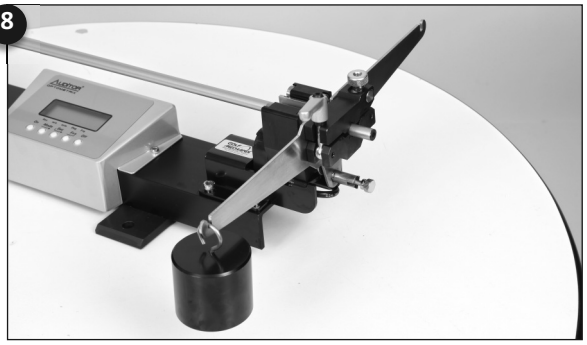
6



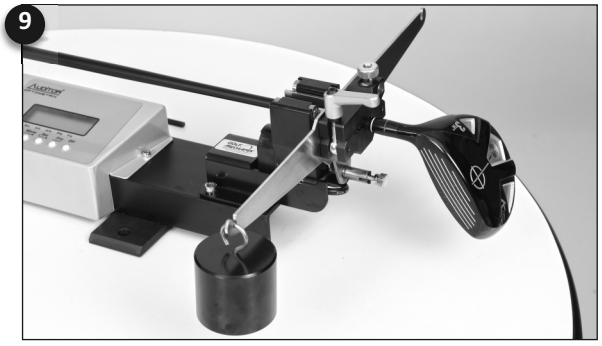
7



8



9



4820 Jacksontown Road | P.O. Box 3008 • Newark, Ohio 43058-3008 | Toll Free: 800-848-8358 • FAX: 800-800-3290 | Canada Toll Free: 800-387-5331
e-mail: golfworks@golfworks.com • website: www.golfworks.com