

O K AUTOMATION

O K AUTOMATION is a company which designs and manufactures testing equipment for the sporting goods industry. It was founded in 1977, and is now headquartered in Sinking Spring, Pennsylvania. Our main lines consist of Golf Ball measuring and testing equipment. A summary of our stock product line follows. O K Automation will also design and/or build unique testing, production, and related equipment.

GOLF BALL DIAMETER MEASUREMENT GAUGE

O K Automation's Diameter Measurement Gauge is built using a modified dial gauge stand with an indicator and lifting cable attached. When the lifting cable is depressed, the spindle of the indicator elevates allowing the ball to be placed under its flat measuring point. When the cable is released, the spindle comes in contact with the ball giving you a measurement. By rotating the ball against the back fence, you will reach the largest diameter thereby eliminating dimple error. We offer two models: Model #90 uses a dial indicator for readout, and Model #95 uses a digital indicator. We set the range of measurement of both the ball and the center (core). Supplied with the diameter measurement gauge is a cylindrical spacer standard used to reset the indicator.

GOLF BALL COMPRESSION TESTERS

The MANUAL Compression Tester is built on a cast iron frame using precision machined steel internal parts. By inserting the golf ball between the tester anvil and tester plunger, and rotating the handle to the UP position, the immediate reading on the indicator would be the actual compression for that ball. O K Automation offers two models: Model #50 uses a dial indicator for readout, and Model #55 uses a digital indicator.

The PNEUMATIC Compression Testing Machine consists of a machined steel housing mounted with a fabricated steel enclosure. Hidden within the enclosure is the air cylinder, solenoid valve, and a programmable logic controller (PLC). The internal parts will be precision machined in stainless steel. By inserting the golf ball between the tester anvil and plunger, and depressing the two handed trip switches, the anvil will rise to compress the golf ball giving you an actual immediate reading on the indicator, and then the anvil will retract. A set-up switch allows the operator to zero or adjust the indicator. The 'PLC' is used for control; the two hand trip switch is programmed to be a non-defeating, non-repeating actuating switch, and a pressure switch assures there is sufficient air pressure to take a reading. O K Automation offers two models: Model #60 uses a dial indicator, and Model #65 uses a digital indicator. For those customers who order this tester with a digital indicator, the tester will be provided with a contact for automatic remote data transfer actuation

Regardless of dial or digital indicators, we normally use Mititoyo, other manufacturers models are available allowing you the choice. All testing machines are supplied with a cylindrical spacer standard used to reset the indicator. You will receive a complete set of operating instructions for the proper use of your machine as well as a certificate of calibration

ACCESSORIES

As a means of checking the Calibration of the Compression Testers, O K Automation manufactures Horse-shoe Gauges in a wide range of compression values. When used in place of the golf ball, it checks the testing machine to determine if you are getting the correct reading for that particular setting. When ordering these gauges you must specify which compression ranges you want to compare on the tester.



For those manufacturers wishing to check compression of a golf ball center (core), O K Automation manufactures spacer shims to replace the cover (jacket) on the ball. These shims are made of hardened steel, precision ground, and lapped to the desired thickness. When ordering shims please specify the center (core) diameter and range to which you are manufacturing. O K Automation will supply the shims in 0.005" increments to compliment your range.

A mini-processor is available for each of our digital indicators as an elementary means of maintaining statistical process control records.

With the use of the mini-processor, an Immediate printout of the numerous SPC parameters (N. Min/Max, R. \bar{x} , etc.) as well as Histograms and D-Charts are then



possible. Supplied with the processor are the necessary cables to hook-up the processor to the digital indicator.

A GO/NO-GO Golf Ball Diameter Gauge, made of 1/8" stainless steel strip is available. The standard dimensions for GO/NO-GO are 1.680"/1.686". O K Automation can also manufacture gauges using your standard dimensions



PRICE SCHEDULE

MACHINES

Manual Compression Testers

- Model #50-M (Dial Indicator)
Email for pricing...
- Model #55-M (Digital Indicator)
Email for pricing...

Pneumatic Compression Testers

- Model #60-M (Dial Indicator)
Email for pricing...
- Model #65-M (Digital Indicator)
Email for pricing...

Diameter Measurement Gauge

- Model #90-M (Dial Indicator)
Email for pricing...
- Model #95-M (Digital Indicator)
Email for pricing...

ACCESSORIES

- Pail No. CT-105-xxx Horse-Shoe Gauge
\$ 260.00 Ea.
- Part No. CT-120-xxx Core Shim Spacer
\$ 60.00 Ea.
- Part No. CT-555-M Mini-Processor for
Digital Indicator
Email for pricing...

SERVICES

Testing & Re-certification

- Model #50-M \$165.00 Ea.
Model #55-M \$175.00 Ea.
- Model #90-M \$ 85.00 Ea.
Model #95-M \$ 95.00 Ea.

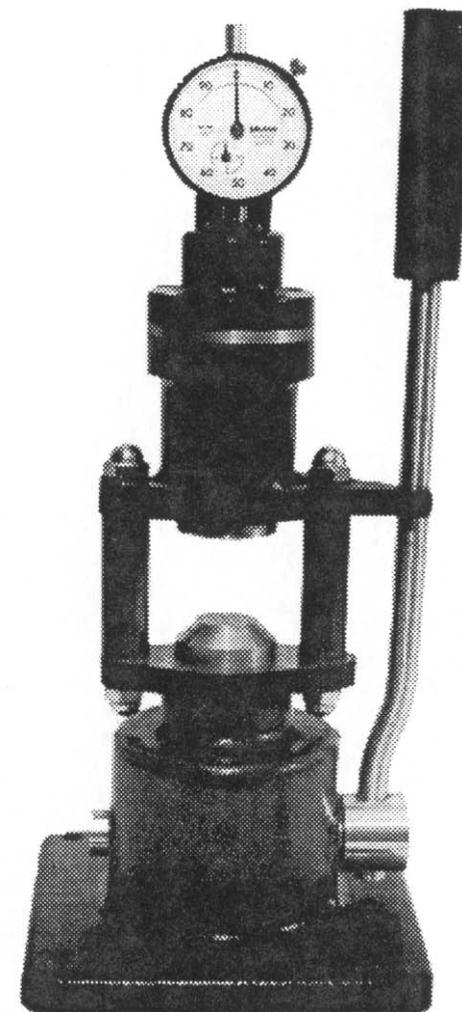
Should your tester require replacement parts, additional costs for the parts and the necessary labor to install the parts will be quoted, and upon approval, this extra work will be completed and invoiced.

Rebuild, test, and certify "ATTI" model compression testing machine.

- Intital Service: \$ 650.00 Ea.
- Repeat Service:
- Dial Indicator..... \$ 185.00 Ea.
 - Digital Indicator..... \$ 195.00 Ea.

F.O.B.: Factory, Sinking Spring, PA

TERMS: Net 30 Days to rated established accounts, or cash prior to shipment. Prices quoted are in U.S. Dollars.



TerraSpin

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