

# Model 701 Refractometer

**Durable, All-Metal Prism Housing**  
**Easy-To-Read Scale**  
**Exceptionally Lightweight**

The Model 701 Handheld Refractometer is exceptionally simple to operate and provides quick measurements for the concentration levels of HE&M Saw Eliminator Sawing Fluids.

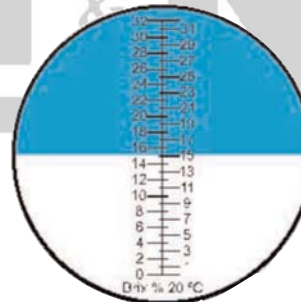
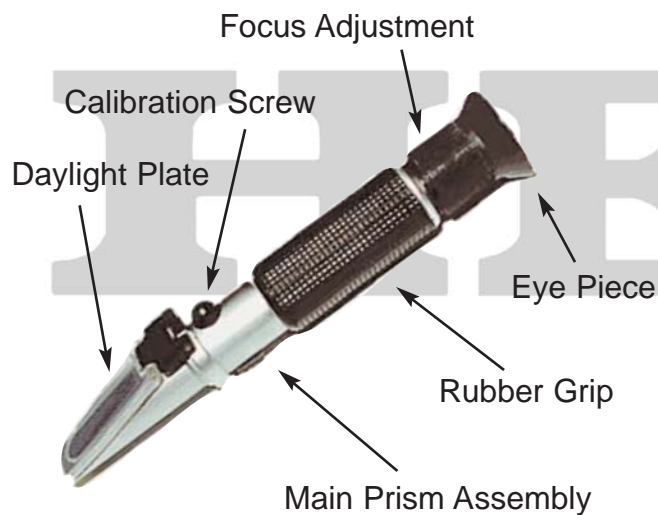
The new Model 701 Handheld Refractometer is easy to use. Operation consists of placing 1 or 2 drops of the sample on the prism, closing the daylight plate over the sample, then looking through the focusable, cushioned rubber eyepiece for the reading (see picture below). Quickly calibrates with water.

The new Model 701 Handheld Refractometer is small in size which allows it to be used anywhere, whether it's in the field, plant, or lab.

**Range** 0 - 32 Degrees  
**Minimum Division** 0 - 2 Degrees  
**Accuracy** 1 Division  
**Dimensions** 27 x 40 160mm  
**Weight** 176 Grams

The Model 701 Handheld Refractometer is accurate. The easy-to-read scale with large figures, improved field contrast, and screen shading (see picture below) significantly enhances overall accuracy even when the refractometer is used by several different operators. It features a rubber grip on the body, which blocks the transmission of hand heat to reduce temperature errors. The calibration screw is protected to eliminate accidental calibration changes.

The new Model 701 Handheld Refractometer features a rugged construction to provide years of reliable use. The prism is mounted in an all-metal housing which allows the sample and prism to reach temperature equilibrium quickly. Its non-roll stand ensures that once the unit is set down, it won't be prone to roll off a table or desktop. ®



View of Scale



**Supplied With:**  
Carrying Case, Calibration  
Screwdriver, Dropper,  
Instruction Manual

**HE&M Saw has a product and accessory to fit all your metalworking fluid needs:**

- 101 Synthetic Coolant
- 102 Semi Synthetic Coolant
- 103 Water Soluble Coolant
- 104 Spray Mist Coolant
- 105 Sump Cleaner
- 106 Rust Inhibitor

**Proudly  
Made in the  
U.S.A.**

- 107 Anti Spatter
- 111 Turbo Drill
- 132 Low Temp Coolant
- 701 Refractometer
- 750 Sump Devil
- 806 Hydromaster

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