

Setting Master Gage *with Air Bearing Slide*

80 inch Travel - Horizontal Setting Master



ABTech, Inc. has developed a Setting Master using a natural granite base and air bearing slide for set up of I.D./O.D. beam type gages such as Federal Products Series 980. The granite base in combination with the air bearing slide ensures a stable, and low maintenance gage.

This model has a vertical setting feature with 6.00 in. travel and 50 microinch resolution. Horizontal travel is **80.00** in., measured using a Heidenhain linear scale and DRO for ± 0.00024 in. accuracy over full travel. The measurement system can store up to 16 linear offsets for increased accuracy.

Features:

- *Air bearing slide - No wear on gage way surfaces*
- *Ultra-smooth motion - 80.00" travel*
- *Linear scale and D.R.O. - ± 0.00024 " accuracy*
- *6.00" vertical setting feature w/ 50 μ " resolution*
- *Natural granite base*
- *Hardened stage surfaces*
- *Replaceable hardened anvils*
- *Set up I.D. or O.D. gages*
- *Available in different travel lengths*
- *Enclosed encoder to ensure protection*
- *Built in air filter/regulator unit*

Horizontal Setting Master Gage Systems

Options & Accessories

- *Beam gages*
- *Gage blocks for set up*
- *Replaceable anvils*
- *Laser interferometer measurement system w/ D.R.O. for 1.5 μ " resolution*



Robust air bearing slide with vertical setting feature and hardened stage surfaces. Air bearing slide features a manual drive with fine adjustment and lock to hold position.



The setting master features user friendly position control adjustments for both vertical and horizontal setting. The unique air bearing slide and manual drive combine for ultra-smooth horizontal motion.

The D.R.O. interface is adjustable and easy to use.

- Custom travel lengths can be made available, consult ABTech, Inc. with your specifications.

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Pride In Precision

On Line: www.abtechmfg.com