

System II™ Adaptive Drawbar Dynamometer

Detects inadequate drawbar retention force quickly

- ✓ Ensures original machine performance
- ✓ Maximizes tool life, spindle life and system rigidity
- ✓ Combats toolholder shank fretting

Fast Performance

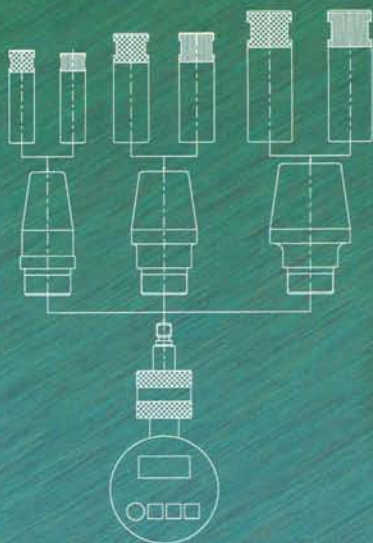
Quickly identifies if retention force losses are at fault when poor surface finishes appear or when tool performance deteriorates.

Services Entire Machine Shop

A compact load cell with an electronic display and a family of taper adaptors combine to make a single measuring unit that can service an entire machine shop employing a variety of machining centers.

Modular Design

A simple three-piece design allows you to quickly change tapers for 30, 35, 40, 45, and 50 steep taper machining centers or HSK 50A, HSK63A, and HSK100A. (Not for use with screw type drawbar mechanisms)



Easy-to-use

Simply assemble load cell, taper adaptor, retention knob adaptor, and retention knob. Install in your spindle like any ordinary toolholder. The load cell is stretched by the machine's drawbar. You get an immediate reading of the drawbar pressure.

Easy-to-read digital display can be set in Lbs, Kilonewtons, or Kg. Comes calibrated standard with 0-10,000 lb. Range. Can be custom calibrated, call factory for quote.

Convenient Display

Features standard 0-10,000 lb. range, large, easy-to-read digital display, auto-off feature and touch sensitive buttons sealed for dust-proof operation.

1000 Hours Operation

Operates on two 9 volt batteries for up to 1000 hours continuous operation. Calibration data is stored on a non-volatile memory chip — no programming to enter, no data to remember.



Part No.	Description
GDAT-0001	System II™ Adaptive Drawbar Dynamometer (Includes Dynamometer and carrying case, order adaptors separately)
XDTA-0004	40 Taper adaptor sleeve
XDBA-0004	BT 40 Retention knob adaptor
XDCA-0004	CT 40 Retention knob adaptor
XDTA-0006	50 Taper adaptor sleeve
XDBA-0006	BT 50 Retention knob adaptor
XDCA-0006	CT 50 Retention knob adaptor
XDFA-0063	HSK63A Flange adaptor
XDTA-0063	HSK63A Drawbar adaptor

Consult factory for other adaptor sizes available



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