B01-B02/S Balancing Machines

THE SOFT-BEARING TABLETOP BALANCING MACHINE

The B01-B02/S models are dynamic, horizontal, soft-bearing, tabletop balancing machines. The “/S” denotes a full balancing system with built-in instrumentation into the machine base. All models are compatible with any IRD balancing instrument and suited for balancing small, lightweight rotors such as those found in small high-speed applications. Due to its lightweight construction, it can be mounted on a rigid table top or workbench. Two work supports with rollers are used to support the rotor journals and both can be moved to accommodate various length rotors.

Balance with Precision

BALANCING INSTRUMENT

Designed for easy use with IRD balancing instruments: Model 295 series, 246 and 236, or with an internal built-in instrument. Sensors & cables are included in the instrument kits.

SELF-ALIGNING GIMBAL ACTION

The IRD Balancing modular work supports incorporate a gimbal action into the assembly that allows for self-alignment of the rotor journals from pedestal to pedestal.

TRANSPORTABLE

With its lightweight construction and soft-bearing design, this machine can be simply lifted and placed in any desired location. There is no mounting or machine leveling equipment necessary.

HIGHER SENSITIVITY, SAFER SPEEDS

The IRD Balancing soft-bearing design results in a higher sensitivity of unbalance at lower balancing speeds. This provides the operator the ability to successfully balance at a lower and safer speed.

Standard Features

- DC Variable Speed Motor
- Encoder for live angle display
- Regenerative braking drive
- Underslung belt drive
- Height adjustable work supports
- Sliding pedestals for span adjustments
- Suspension motion locks
- Built-in Instrument (“/S” models only)
- 3 different sized drive belts
- End-thrust assemblies
For 75+ years IRD®, or Industrial Research & Development, LLC has specialized in highly technical machinery that assists in the repair of industrial equipment. IRD® Balancing equipment allows customers to balance rotors of all sizes via soft-bearing technology which is more versatile and safer than hard-bearing technology. IRD® Balancing technology has advanced with the purpose of providing top-of-the-line balancing machinery across the globe. IRD® believes that excellence in workmanship and a high level of productivity are the key components to building long-term relationships with our customers.