

# SET-UP INSTRUCTIONS

---

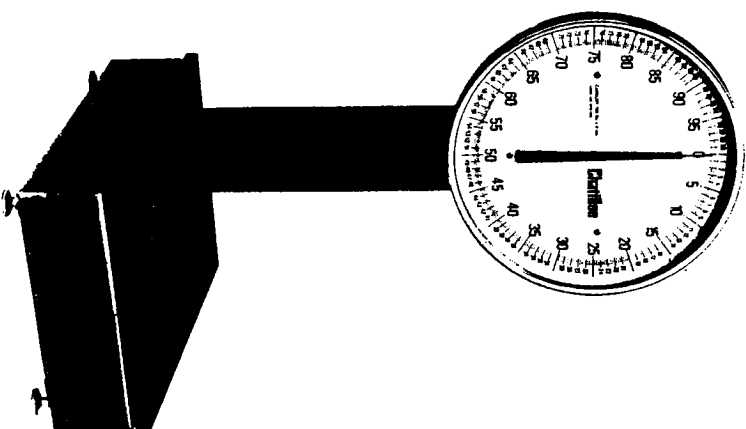
## Model PDS-PDT

### Bench Platform Scale

Since 1835, John Chatillon & Sons has been a leader in the design and manufacture of scales, quality springs and force measurement instruments. The engineering and production capabilities developed through these years of leadership are now being applied to the technical needs of the industry. All Chatillon instruments can be adapted or redesigned to meet special requirements. Our engineering, development and production departments are available for special research in the force measuring field.

**Chatillon Scales**

83-30 Kew Gardens Road      Kew Gardens, NY 11415  
(718) 847-5000  
FAX (718) 847-4365



# Chatillon

# SET-UP INSTRUCTIONS

## Model PDS-PDT Bench Platform Scale

- A. With carton placed side up (as shown by arrows on printing), open top flaps; remove three cardboard inserts covering head & base assemblies.
- B. Take out head & base assemblies; place them on a firm & smooth, level surface.
- C. Place inserts back in carton, save the packing for relocation & shipping of scale when needed.
- D. Remove foam piece in center between base levers, turn base around with platform (#12) up, remove the plastic strap (#11), make sure the platform is resting properly on lever pivots.
- E. Loosen the four Phillips-head screws (#1) on column, slide out rear cover (#2).
- F. Remove four hex screws, washers & nuts (#13).
- G. Assemble column approximately square to base in corresponding bracket (#14); make sure nose portion of long lever is protruding freely in opening & secure column to base with screws, washers & nuts (#13).
- H. Remove from column three foam protectors (7, 9) & plastic bottle (#8), connect steelyard rod hook to lever pivot; check that platform is freely swinging.
- I. Turn levelling screws (#17) at bottom of base until the spirit level bubble (#15) is centered; to prevent tipping of scale adjust screw (#16) at column bottom approximately 1/16 above floor; *important caution:* scale must rest on the four levellers only.
- J. Loosen locking nut (#5), turn out thumb screw (#6) flush with top surface of support bracket.
- K. Carefully slide out dashpot cylinder (#4), pour entire content of plastic bottle (#8) into the cylinder. (This high-quality damping oil is insuring constant proper viscosity & buoyancy; use of other oil or no oil at all may result in some error of weight indication.)
- L. Reinsert cylinder slowly over dashpot plunger, avoiding oil splashing; press cylinder against upper plate (#9); tighten thumb screw (#6) against round depression in cylinder bottom; tighten locking nut (#5) to secure assembly.
- M. Put rear column cover (#2) back in place, tighten four screws (#1).
- N. Apply full-capacity weight to the platform, remove it, press platform down several times by hand.
- O. Remove top red plastic plug, adjust scale pointer to read zero by turning top screw with screwdriver. Reinstall plug.

