



**3344A**

### PHOTO TACHOMETER

- Infrared light source, micro-processor controlled crystal display.
- Strong magnetic base is included.

Machine speed: It is critical for proper machining operations. Speeds too fast or too slow can shorten tool life and cause expensive, unnecessary machine downtime. This digital photo tach can take readings from revolving shafts on drill presses, grinders, lathes and other machines. It can also be used to check engine operation on in-plant vehicles like forklifts. The 3344A is

accurate to within  $\pm 1$  rpm. The 10mm high liquid crystal display is easily visible even in high ambient light areas.

**No. 3344A** – Digital Photo Tachometer. With memory, photo probe assembly, magnetic base, 2,75 m of reflective tape and plastic case. Wt., 2 kg.

**No. 39811** – Replacement magnetic base assembly. Wt., 0,1kg.

**No. 45329** – Replacement photo probe assembly. Wt., 0,2 kg.

**No. 204666** – Replacement retro-reflective indicator tape, 2,75 m long x 12,7mm wide. Wt., 0,1 kg.

### SPECIFICATIONS

**Readout:** Liquid crystal display: 4 (10mm high) digits, low battery indicator, memory mode indicator, high and low RPM memory mode indicator.

**Range:** 200 to 9999 rpm. Accuracy:  $\pm .25\%$ ,  $\pm 1$  rpm. Update time: 3/4 second.

**Power switch:** Membrane switch (automatic shut-off after one minute of no signal input).

**Power source:** 9 volt alkaline battery. Light source: Infrared with 4,6m plug-in cable.

**Light holder assembly:** 13,6 kg rated magnet; 50,8 mm dia. x 6,4 mm high (102 mm high overall with post).

**Size:** 86 w, 152 h x 38 mm d.

**Carrying case:** 343 w, 254 h x 102 mm d.

### HTS50 HEAVY-DUTY PIPE SEALANT WITH TEFLON®

- Seals new or damaged threads; resists water, chemicals and oils.
- Replaces conventional tape methods; forms a clog-free seal. Effective at 700 bar.

When “plumbing” a hydraulic system, there’s now a better answer than tapes which can tear or shred, possibly plugging filters, valves or gauges. This compound combines the

lubricating qualities of Teflon® with a fast curing anaerobic sealant. Seals all metal fittings, plugs and threaded joints quickly and easily. Cures to form a permanent seal which is inert to hydrocarbons, most acids, chemicals, solvents and steam. Allows adjustment up to 16 hours after assembly; cannot loosen under vibration. Prevents galling of mating parts upon disassembly. Withstands temperatures from  $-54^{\circ}$  to  $+190^{\circ}$  C.

**No. HTS50** – Sealant, 50 ml. tube. Wt., 0,2 kg.

(Teflon® is a registered trademark of duPont Co.)

**HTS50**



### “O” RING SEAL PICKS

Even the seemingly simple job of removing and installing “O” ring seals can be difficult without the aid of the proper tool. The 7312 all metal “O” ring seal pick does the job with ease. Two special picks in set No. 7103 get right to the trouble areas.

**No. 7312** – “O” ring seal pick. Wt., 0,1 kg.

**No. 7103** – Set of two “O” ring seal picks. Wt., 0,1 kg.

**7312**

**7103**



### UNIVERSAL OUTSIDE THREAD CHASER

Restore damaged threads on shafts, housings, cages, etc., for re-assembly of matching parts. Eliminates need for thread-cutting equipment. Will not harm threads. V-pads and dies can be replaced. Cap. 32 to 127 mm O.D.

**No. 7402** – Thread chaser, complete (with 6 dies: threads per inch – 4, 5, 6, 7,  $7\frac{1}{2}$ , 8, 9, 10, 11,  $11\frac{1}{2}$ , 12, 14, 16, 18, 20 and 24). Wt., 0,2 kg.

**No. 202817** – Metric die set (3 dies: mm per thread: 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$ , 2,  $2\frac{1}{2}$ , 3,  $3\frac{1}{2}$ , and 4). Wt., 0,1 kg.

**7402**



### MAGNETIC PICK-UP TOOL

Has permanent magnetic head for retrieving parts from otherwise inaccessible places.

**No. 7395** – Pick-up tool with pocket clip. 152 mm lg. Wt., 0,1 kg.

**7395**



# Wrenches AND PRY BARS

## RATCHETING CHAIN WRENCHES

Special head design allows you to turn wrench in either direction. Ratcheting action makes it possible to re-grip without removal. For parts of most any size and shape.

**No. 7400** – Chain wrench, cap. 12,7 to 121 mm O.D. (Capacity= 450 Nm) Wt., 0,9kg

**No. 7401** – Chain wrench, cap. 76 to 171 mm O.D. (Capacity= 900 Nm) Wt., 2,3 kg.

**No. 209199** – Replacement chain with pin for No. 7400 chain wrench (406 mm long).

**No. 209200** – Replacement chain with pin for No. 7401 chain wrench (610 mm long).

## ADJUSTABLE HOOK SPANNER WRENCH

Needed wherever turret adjusting nuts or packing gland nuts are used. Cap.: 38 to 102 mm. Handle overall length: 483 mm.

**No. 885** – Adjustable hook spanner wrench. Wt., 1,4 kg.

## ADJUSTABLE HOOK SPANNER WRENCHES

Replace many fixed-size wrenches... cover range of capacities needed to service industrial tractors and other equipment. Drop-forged jaws adjust to eleven positions for a capacity of 121 to 324 mm O.D. Handle overall length: 610 mm; diameter: 25,4 mm.

**No. 7307** – Spanner wrench with one 9,5 mm thick jaw. Wt., 3,3 kg.

**No. 7308** – Spanner wrench with two interchangeable jaws: one 9,5 mm thick, one 19 mm thick. Wt., 5 kg

## HEAVY-DUTY ADJUSTABLE SPANNER

Extra heavy construction. Has one 19 mm thick, eleven-position hook-jaw for a capacity of 131 to 324 mm O.D. Drop-forged. Handle length: 654 mm; handle dia.: 33.3 mm

**No. 7309** – Heavy duty adjustable hook spanner wrench. Wt., 5 kg.

## ADJUSTABLE GLAND NUT WRENCH

Designed to handle 51 to 152 mm dia. hydraulic cylinder gland nuts on many construction vehicles. Fits 6,4 and 7,9 mm dia. pin holes; features a 3/4" sq. drive.

**No. 1266** – Adjustable gland nut wrench. Wt., 1,4 kg.

**No. 204928** – Replacement pin for No. 1266

## PRY BARS

Our rolling head pry bars are an extremely popular and useful tool. Head may be used for almost any prying job since a great deal of leverage can be obtained. Long tapered body may be used as a lining-up drift.

**No. 7162** – Pry bar; 9,5 mm round, 152 mm long. Wt., 0,1 kg.

**No. 7163** – Pry bar; 11,1 mm round, 305 mm long. Wt., 0,3 kg.

**No. 7164** – Pry bar; 14,3 mm round, 406 mm long. Wt., 0,5 kg.

**No. 7165** – Pry bar; 19 mm round, 457 mm long. Wt., 1 kg.

## JIMMY BARS

Ideal for general lifting or prying. Heat treated chrome alloy steel to resist bending or breaking.

**No. 7166** – Jimmy bar; 15,9 mm round, 457 mm long. Wt., 0,6 kg.

**No. 7167** – Jimmy bar; 19 mm round, 610mm long. Wt., 1,1 kg.

**No. 7168** – Jimmy bar; 22,2 mm round, 762 mm long. Wt., 1 kg.

## “MAJOR PERSUADER” JIMMY BARS

Two big jimmy bars for big jobs. Forged from chrome alloy steel.

**No. 7420** – Jimmy bar; 22,2 mm round, 1.168 mm long. Wt., 3,4 kg.

**No. 7421** – Jimmy bar; 25,4 mm round, 1.372 mm long. Wt., 1,9 kg.

