

you get **ruggedized accuracy** in

Sun **ELECTRIC TACHOMETERS**

Built up to Quality . . . not down to Price!



**CHROME
MOUNTING CUP**
MODEL NO. N83

F.O.B. Factory Shipping
Weight 1½ lbs.
PRICE \$5.00

Prolongs Engine Life

Good drivers keep tab on Engine Speed. Keep tachometer indicating Hand between Arrows.

Saves Money

Reduces gas and oil bills. Eliminates expensive repairs due to improper engine operation.

Helps prevent overspeeding and lugging. Enables drivers to make better road time by indicating when to shift gears. Helps drivers keep engines in their most economical operating range.

SPECIAL TACHOMETER APPLICATIONS

Aircraft refueling trucks, Fire apparatus, and other engine driven pumps; Connect the Tachometer as shows above, mounting the Transmitter in the engine compartment and the Tachometer Head on the pump control panel.

Many pumping units are driven from the Transmission Power take-off and V-Belts. Use a Revolution Counter or hand speed indicator on the pump shaft to determine the pump speed specified by the Manufacturer. Adjust the Arrows on the Tachometer Head to indicate the Engine speed required to drive the pump at the recommended R.P.M.

TACHOMETER HEAD

The Sun Electric Tachometer Head is a precision measuring instrument, equipped with Alnico magnet, rugged double bridge construction, sensitive jeweled D'Arsonval movement assures longer life and greater accuracy than could ever be achieved with an ordinary mechanical tachometer. The adjustable arrows are mounted under the glass and can be locked at any point to help the driver maintain safe, economical engine R.P.M. Indirect lighting for good night time visibility, large easy-to-read numerals, and steady, controlled action of the instrument pointer — are features that make the Sun Electric Top-Tach the world's best buy.

Model RC—Chrome

Shipping Wt. 1½ lbs.

*PRICE \$27.00

*Western price slightly higher

TRANSMITTER

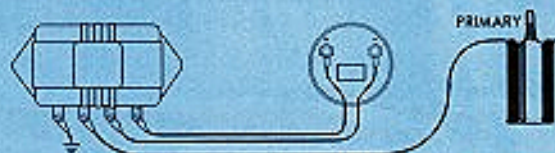
The Model EB- A Transmitter (Sending Unit) is housed in a heavy Black Bakelite Case for perfect insulation. Sealed against dust and moisture. Requires no special drive mechanism. There is only one moving part, an electric relay switch with solid silver contacts which will never wear out. This system does not take current from the vehicle's battery and cannot injure ignition points or any part of the electrical system. Easily replaceable Mercury Cell batteries supply the small amount of current required to operate the Tachometer Head. Models available for all automotive type engines with battery ignition, or gear driven magnets. See Page 2.

Model EB- A

Shipping Wt. 1½ lbs.

*PRICE \$22.00

*Western price slightly higher



Easy to Install No special tools, no special fittings. Tachometer head and Transmitter mount anywhere, can be as far as 100 feet from engine. Retains simplicity of installation always featured on Sun Electric Tachometers. Panel layout and connection diagram included with each Tachometer.

MAGNETO IGNITION . . . Connect wire from the Transmitter Terminal marked "Distributor Primary" to the insulated terminal of the Magneto Primary or the insulated side of the breaker Contact Points.

Tachometer Heads will operate up to 100 feet from the Transmitter. Wire size is not critical. Stock No. 14 or No. 16 primary insulated wire preferable.

An extra Tachometer Head for alternate use may be connected in series and by using a two position switch.

HOW TO ORDER A

Sun TACHOMETER

Complete with Tachometer Head, Transmitter, Instrument Light, adjustable arrows, U-clamp for dash mounting and simple installation instructions. Most sports cars, automobiles, trucks, boats and industrial engines can be satisfactorily serviced by ordering one tach head and one transmitter. Order by Sun Model numbers.

SPECIFY R.P.M. RANGE, NUMBER OF CYLINDERS AND IGNITION VOLTAGE FOR YOUR ENGINE.

CHROME TACHOMETER HEADS

| Model No. | Scale Range | *LIST PRICE |
|-----------|-------------|-------------|
| RC-20 | 0-2000 | \$27.00 |
| RC-25 | 0-2500 | 27.00 |
| RC-30 | 0-3000 | 27.00 |
| RC-40 | 0-4000 | 27.00 |
| RC-50 | 0-5000 | 27.00 |
| RC-60 | 0-6000 | 27.00 |
| RC-70 | 0-7000 | 27.00 |
| RC-85 | 0-8500 | 27.00 |

SPECIFY MODEL REQUIRED FOR INSTRUMENT LIGHT

FA-1 **FA-2** **FA-3**
(6 volt) (12 volt) (24 volt)

Tachometer Heads priced to include Instrument Light. If not required, deduct \$1.50 from the list price.

CHROME MOUNTING CUP

PART NO. NB-3 \$5.00

CHROME MOUNTING FLANGE

PART NO. 2902 \$1.50

TRANSMITTERS FOR 4 CYCLE GAS ENGINES

| MODEL | CYL. | IGN. VOLT | *LIST PRICE | MODEL | CYL. | IGN. VOLT | *LIST PRICE |
|--------|------|-----------|-------------|----------------|------|-----------|-------------|
| EB-1A | 8 | 6 | \$22.00 | EB-12A | 8 | Mag. | \$22.00 |
| EB-2A | 6 | 6 | 22.00 | EB-13A | 6 | 24 | 22.00 |
| EB-3A | 12 | 24 | 22.00 | EB-14A | 4 | 12 | 22.00 |
| EB-4A | 4 | 24 | 22.00 | EB-15A | 12 | Mag. | 22.00 |
| EB-5A | 4 | 6 | 22.00 | EB-16A | 8 | 24 | 22.00 |
| EB-6A | 4 | Mag. | 22.00 | EB-17A (4 cyc) | 2 | Mag. | 22.00 |
| EB-7A | 6 | 12 | 22.00 | EB-23A | 3 | 12 | 22.00 |
| EB-8A | 6 | Mag. | 22.00 | EB-24A | 3 | 6 | 22.00 |
| EB-9A | 8 | 12 | 22.00 | EB-26A (4 cyc) | 2 | 6 | 22.00 |
| EB-10A | 12 | 12 | 22.00 | EB-27A (4 cyc) | 2 | 12 | 22.00 |

The Vertex Magneto delivers a high Primary Voltage and requires the following Transmitter Models for best performance.

EB-37A 8-cyl. Mag. \$22.00

EB-38A 6-cyl. Mag. \$22.00

EB-39A 4-cyl. Mag. \$22.00

Replaceable Mercury Cell batteries Part #1766-7—\$1.50 ea. For the above Transmitters.

*Western prices slightly higher.

Your Tachometer Performance

Faulty Ignition many times will affect the operation of the Tachometer, before the Driver is aware of any difference in Engine Performance. For Best Economy, it is essential to have both Primary and Secondary Ignition Circuits in good condition.

Statement of Warranty

Sun Tachometers are guaranteed against defective materials and workmanship for one year of service. Our responsibility under this guaranty is limited to replacement only of parts bearing our nameplate. Warranty tags are packed with each Tachometer Head and Transmitter. Fill in the date of installation, attaching one tag to each unit. In event of failure under warranty, return defective unit with tag or statement of service, direct to the manufacturer.

BUY THE "TOP TACH"...BUY *Sun*

Manufactured and Guaranteed by **SUN ELECTRIC CORPORATION**, Tachometer Division, Chicago 31, Illinois

Sold by . . .