

The Chrondek Company
 2125 "D" Street
 La Verne, California
 Phone: Lycoming 33119

CHRONDEK DRAG RACE TIMING SYSTEMS

Chrondek Drag Race Timing Systems are the result of years of actual Drag Strip Timing experience. These systems represent the most advanced electronic design by Professional Electronic Engineers in a modern Electronic Manufacturing Plant.

CIRCUITS. The Model E Timing Systems are the result of an evolution of design that combines precision, reliability and ease of operation in one compact design. Each Model E unit consists of a combined power supply and precision temperature-compensated time base, hermetically sealed against dirt and moisture. Above the power supply are two identical counter decks that use two electronic counter tubes, followed by 4-stage electro-mechanical counters using a single reset lever that resets all circuits. The circuit is entirely electronic from light beam to counters, eliminating any possibility of mechanical slippage that could create timing errors. With the exception of the slow speed electro-mechanical counter, nothing moves in the timing circuits except electrons. The three decks are of plug-in construction for easy servicing and replacement.

CASES. Various cases are used, from steel to shock-mounted special trunks that may be used both for operating the equipment and shipment.

POWER. Each timer operates from 115 volts, 60 cycles and because of the special design, will give correct times even if operated from portable generators.

READ-OUT. Each counter deck reads out in 1/1000ths of seconds with a total time registration of almost 17 minutes before repeating. Thus Top Speeds are converted by means of a special conversion chart to 0.1% or about 0.1 MPH. Elapsed time is read directly across in numbers for quick error-free reading.

MONITORS. Some models of the Model E Timing Systems combine automatic Low Voltage cut out to prevent inaccurate readings in the event of a sudden voltage drop on the lines, and switching photocell circuit monitoring meter to tell at a glance when photocells or light sources require adjustment. The compact 7E2D Dual Lane model combines an automatic win scoring system as well to score instantly the winner of a drag race. All readings are locked on the timers until reset.

PHOTO-PICKUPS. Photoelectric Pickups have been developed to be simple, rugged and inexpensive. No tubes relays or batteries are used. A special design feature makes for easy sighting in bright sunlight. Both battery and AC Light Sources have been developed as a result of on-the-track experience. These are easy to sight in and hold adjustment.