



**New concept in
numerical readout**

**introduced by
the Amperex
*Bi-Qui***

**results in
simplified
circuit designs**

Circuit Advantages with the Bi-Qui Tube

- 1** Bi-Qui's use 30% fewer driver transistors.
- 2** Bi-Qui circuitry automatically offers error detection capability.
- 3** Bi-Qui counting simplifies the conversion matrix for any code. Examples: Biquinary-to-Biquinary—no decoding matrix; BCD-to-Biquinary—50% fewer components.
- 4** Bi-Qui inevitably means higher reliability because of simpler circuits with fewer components.

Outstanding Features of the Bi-Qui Tube

- 1** Bi-Qui's provide sharp, bright, wide-angle (150°) visual readout.
- 2** Bi-Qui's stack with great density reducing panel space.
- 3** Bi-Qui types ZM1030 and ZM1032 are designed for 20,000 hrs of operation.
- 4** Bi-Qui's use standard, 9-pin sockets.
- 5** Bi-Qui's cost only \$6.00 in 1,000 lots and \$6.80 in 100 lots.

The Bi-Qui type ZM1030 has an externally applied red lacquer coating to reduce glare whereas the ZM1032 is clear. Applications for Bi-Qui tubes include computers, calculators, counters, cash registers and test equipment.

To simplify your evaluation of the Bi-Qui tube, a driver circuit card and/or a biquinary decade counter assembly complete with Bi-Qui tube are available at reasonable cost.

For comprehensive data on Bi-Qui tubes, circuitry and circuit cards and for up-to-date information on Amperex PADT and Silicon Planar driver transistors, write: Amperex Electronic Corporation, Semiconductor and Receiving Tube Division, Hicksville, Long Island, New York.

