



## Significant Components/Materials

### Composite keypads are economical and reliable

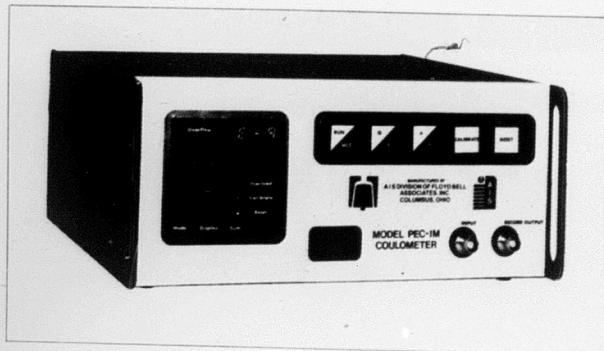
Conductive Rubber Technology,  
Santa Barbara, CA 805-969-5805

Plastic/rubber keypad combines the economy and reliability of a rubber keypad with the feel of a hard plastic keytop. Travel and tactile feedback are standard. Plastic keys are preassembled to the rubber pad and will not fall off even when the pad is inverted. The firm will supply a one-piece assembly, in any color, consisting of any number of positions for a custom-made product.

For information, circle . . . . . 663



### Six-decade coulometer performs with versatility



Floyd Bell Associates, Inc.,  
Columbus, OH 614-488-3193

Dual-function digital coulometer features automatic ranging from less than  $1\mu\text{A}$  to 1A. The PEC-1M can accumulate a charge to  $1.4 \times 10^{-5}$  coulombs, permitting experiments to last for days. Display can be switched at will between current and charge during continuous integration. The coulometer can be set to measure positive, negative or bipolar currents.

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### Low-cost surface-mounted components speed production time

Electro-Films, Inc.,  
Warwick, RI 401-738-9150

High-density, thin-film resistor network circuitry offers an alternative

to standard hermetic chip carriers when hermeticity is unnecessary. Leadless "Econo-Chips" mount to PC boards in the same way as hermetic chip carriers and have the same pad locations. Capacitors and/or semiconductor chips can be attached to the network for hybrid applications. "Versa-Chips" have flexible leads which compensate for differences in temperature coefficient of expansion between PC board and chip.

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