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The caps that affect accuracy are the bridge caps (200 pf, 0.02 μ f, and 2 μ f). Mouser has 1% Kemet caps that are not too expensive. You can use parallel pairs of silver mica caps (2-0.01 μ f, 2-1 μ f, 2-200 pf).

| Desig | Type | Value | Conversion | | |
|--------|------------------|--|----------------|------|------------|
| | | | mfd μ F | nf | MMFD pf |
| C1 | capacitor, lytic | 8mfd-525V <u>NOTE: Positive goes to Chassis!</u> | 8 | 8000 | 8000000 |
| C2 | capacitor | 200mmf, precision <u>NOTE: Original was mica</u> | 0.0002 | .2 | 200 |
| C3 | capacitor | .02mf-400V, precision | 0.02 | 20 | 20000 |
| C4 | capacitor | 2mf, precision | 2 | 2000 | 2000000 |
| C5,6,7 | capacitor | .01mf-400V | 0.01 | 10 | 10000 |
| C8 | capacitor | .25mf-600V | 0.25 | 250 | 250000 |
| C9 | capacitor, lytic | 4 mfd-250V | 4 | 4000 | 4000000 |
| P1 | Potentiometer | 10K Ω | | | |
| P2 | Potentiometer | 1K Ω w/SPST | | | |
| P3 | Potentiometer | 100K Ω | | | |
| R1 | Resistor | 500 Ω , 4W | | | |
| R2 | Resistor | 250K, ½ W 1% | | | |
| R3 | Resistor | 1 M Ω , ½ W | | | |
| R4 | Resistor | 200, ½ W, 1% | | | |
| R5 | Resistor | 2K, ½ W, 1% | | | |
| R6 | Resistor | 200K Ω , ½ W, 1% | | | |
| R7 | Resistor | 3.3K Ω , 1W ff | | | |
| R8 | Resistor | 68K Ω , 1W | | | |
| R9 | Resistor | 270K Ω , ½ W | | | |
| R10 | Resistor | 10M Ω , ½ W | | | |
| R11 | Resistor | 2.2K Ω , 1W | | | |
| R12 | Resistor | 470K, ½ W | | | |
| S1 | switch | range switch | | | |

| | | | | | |
|----|--------|--------------|--|--|--|
| S2 | switch | SPST, p/o P2 | | | |
| V1 | Tube | 6X5 tube | | | |
| V2 | Tube | 1629 | | | |

300 1%
xC2 200 MMFD Prec. Condenser ** 200pF or .0002MFD
4W

SELECTOR SWITCH POSITIONS

| Position | |
|----------|-------------------|
| 1 | 10 mmfd-5000 mmfd |
| 2 | .001 mfd-.5mfd |
| 3 | .1 mfd-50mfd 50 |
| 4 | 50 mfd-5000 mfd |
| 5 | .5Ω- 500Ω |
| 6 | 50 -50K Ohm |
| 7 | 5KΩ -5MΩ |
| 8 | 5MΩ - 500MΩ |
| 9 | Comparator Paper |
| 10 | Paper-Mica Test |
| 11 | Electrolytic Test |

Electronic Instrument Co (EICO), Inc
Model 950B
Resistance Capacitance Comparator Bridge