

## Op-amp integrator

Two 741 op-amps can be combined as shown to produce a circuit with a selected input resistance of  $2 \times 10^8$  ohms and a drift time, 0 to 10V, of 90 min. Resistor  $R_3$  is equal to  $R_1 R_2 / R_{in} - (R_1 + R_2)$  where  $R_{in}$  is the required input resistance. For the values shown  $R_{in}$  is  $10^7 \Omega$ .

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