Op-amp integrator

Devon.

Two 741 op-amps can be combined as shown to produce a circuit with a selected input resistance of 2×10^8 ohms and a drift time, 0 to 10V, of 90 min. Resistor R_3 is equal to $R_1R_2/R_{in}-(R_1+R_2)$ where R_{in} is the required input resistance. For the values shown R_{in} is $10^7\Omega$. N. G. Boreham, Teignmouth,

 R_2 741 100k 100k input O-W 741 O output 10k set zero 10k set zero R3 1,020Ω O common O - 15V