

## 775 Readout/Electronics Unit (REU)

La batería del 775 proporciona la excitación, el acondicionamiento de señal y la indicación digital de una salida uniaxial o dos biaxiales de los sensores de inclinación. Los conectores en el panel delantero proveen las salidas de alto nivel de CD para usarse por los registradores y otros dispositivos externos. El modelo portátil 775 se puede utilizar con los sensores miniatura de 755, 756, 757, los sensores de inclinación serie 758 y el resto de los sensores electrolíticos de inclinación en el mercado.



Model 775 REU

<b>DISPLAY</b>	Dual 4-1/2 digit LCD, 0.5 inch (12.7 mm) digit height; $\pm 20,000$ VDC range; 0.2 % full scale accuracy
<b>DISPLAY CHANNELS</b>	X tilt, Y tilt, temperature, and internal battery voltages
<b>INPUT CHANNELS</b>	Two electrolytic transducers, one LM-35 temperature sensor
<b>OUTPUT CHANNELS</b>	X and Y tilts, $\pm 8$ VDC, single-ended voltages proportional to tilt angle; Temperature: $0.1^{\circ}\text{C}/\text{mV}$ , single-ended, $\pm 0.75^{\circ}\text{C}$ accuracy, $0^{\circ}\text{C} = 0$ mV.
<b>OUTPUT GAINS</b>	Two switchable gains, 10:1 standard, other ratios on request
<b>OUTPUT IMPEDANCE</b>	270 ohms, short circuit and surge protected
<b>OUTPUT FILTERS</b>	Two switchable low-pass integrators. Roll-off = 6 dB/octave. Time constants: 0.05 and 7.5 seconds, other settings on request
<b>INTERNAL POWER</b>	Two 12-volt, 1.2 amp-hour batteries operate signal conditioning electronics; AC-to-DC power converter recharges the 12-volt batteries; 9-volt battery operates LCD displays
<b>EXTERNAL POWER</b>	110-120 VAC American version or 220-240 VAC export version, @50-60 Hz
<b>CONNECTIONS</b>	Tilt and temperature sensors: one quarter-turn military-style connector; Output: BNC (coaxial) connectors
<b>ENVIRONMENTAL</b>	$0^{\circ}$ to $+50^{\circ}\text{C}$ operational, $-20^{\circ}$ to $+70^{\circ}\text{C}$ storage; 0 to 90 % (noncondensing)
<b>SIZE, WEIGHT &amp; MATERIALS</b>	11 x 9 x 8 inches (28 x 23 x 20 cm), 10.5 lb (4.8 kg); formed, painted aluminum carrying case with handle

