

Conversion

LET IT SHAKE !

Seismo-Quake™

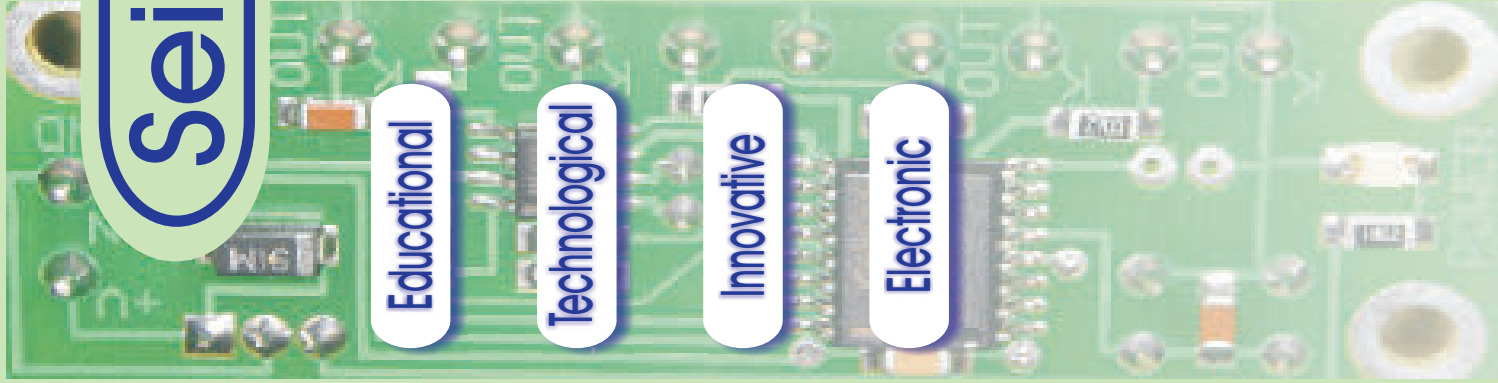
Educational

Technological

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CONVERSIONS



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Weights and measures between imperial and metric units: Relationship

| | |
|---------------------------------|------------------------------|
| 1 metre (m) | 39.37 inches |
| 1 inch (in) | 2.54 centimetres (cm) |
| 1 feet (ft) | 0.3048 metre (m) |
| 1 mille (mil) | 10 ⁻³ inches (in) |
| 1 thou | 0.025 millimetre (mm) |
| 1 pound (lb) | 0.4536 kilogram (kg) |
| 1 kilogram (kg) | 9.81 Newtons (N) |
| 1 ounce (oz) | 28.35 grams (g) |
| 1 gallon (gal) | 4.546 litre (l) |
| 1 gallon (gal) US | 3.785 litre (l) |
| 1 pint | 0.568 litre (l) |
| 1 inch (in) H ₂ O | 2.49 mbar |
| 1 inch (in) Hg | 33.86 mbar |
| 1 atmosphere (atm) | 1.013 bar |
| 1 meter (m) of H ₂ O | 0.1 bar |

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Weights and measures between imperial and metric units: Relationship

| | |
|-----------------------|----------------------|
| 1 horse power (hp) | 0.746 KW |
| 1 rpm | 0.1047 rad / s |
| 1 kilogram (kg) | 2.2046 pounds (lbs) |
| 1 drop of water | 1/20 millilitre (ml) |
| 1 cubic foot of water | 62.4 pounds (lbs) |
| 1 gallon of water | 10 pounds (lbs) |

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Weights and measures between imperial and metric units: Formulas

| Description | Formula |
|---|---|
| To convert degrees Celsius to degrees Fahrenheit use the following formula. | $^{\circ}\text{F} = \frac{^{\circ}\text{C} \times 9}{5} + 32$ |
| To convert degrees Fahrenheit to degrees Celsius use the following formula. | $^{\circ}\text{C} = \frac{(^{\circ}\text{F} - 32) \times 5}{9}$ |
| To convert degrees Celsius to Kelvin use the following formula. | $\text{K} = (^{\circ}\text{C} + 273,16)$ |

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Contact Details for Seismo-Quake™

Information

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