



## Math Unit, Digital Scrolling Multi-Timer, 12 Functions, Sensor, 5 Groups

EQ129J

### Function

Intended for experimental study, mathematics laboratory and carrying out mathematics experiments on: plane geometry, degree, radian, quadrants, trigonometric cycle, angles, sine, cosine, tangent, relationships between angles formed by parallel lines cut by a transversal line, properties angles of triangles, ratios, trigonometric relationships, similar and congruent triangles, metric relationships in any triangle, Pythagorean theorem, spatial geometry, areas and perimeters of geometric solids, apothems, height, axis, meridian section, external and internal volumes and walls of hollow geometric solids, generation of solids of revolution, generation of surfaces of revolution, sections, conic sections, ratios, proportions, notable products, open and closed polygonal lines, polygons, perimeters and areas, inscribed polygons, circle, circumference, perimeters, relationship between the perimeter and the diameter of a circle, number "pi", affine functions, quadratic, natural logarithm, sinusoidal, exponential, etc.

### Knowledge areas

Mathematics

### Level

Graduation - Technical education - High school

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