

1960s Angelo Mangiarotti Secticon Portescap Clock



An iconic 1960s electromagnetic clock timepiece designed by the famous Italian architect and designer Angelo Mangiarotti, and manufactured by Secticon, Switzerland.

This T1 model has a Swiss mechanism and was manufactured by Portescap in La Chaux-de-Fonds, Switzerland.

A standard modern battery drives a small motor electric motor, which runs continuously at about 1000 rpm. This motor drives the escapement, which is a unique type of remontoire lever escapement controlled by a typical balance and spring, receiving impulse through one direction of its swing. It beats half seconds. The escapement in turn drives the motion work, through worm gearing. The clock movement carries the Ato licence for transistor switching. The book of Eliot Isaacs 'Electronic Clocks and Watches 1840 - 1960' has several pages on this clock with diagrams/photos, dismantling and adjustment instructions on pp. 336 to 347 at the very end of the book. [clockdoc.org]

Click this link to our Instagram video of the escapement in slow motion.

Overhauled and guaranteed for 3 years.

Height: c.25cms