

# Watt Pilot Motorized Attenuator



## Description

Watt Pilot Motorized Attenuator is a computer controlled laser beam attenuator. It attenuates a free space laser beam/pulse continuously without introducing additional energy fluctuations. Watt Pilot is essential in systems, where stable laser power adjusting is necessary. Despite stand alone device look, the motorized attenuator is very compact and it can be easily integrated in custom optical system.

## Features

- User-friendly software interface
- High rotation step resolution (0,4 mrad/step)
- Negligible beam deviation
- Stand-alone USB powered controller
- Easy to integrate

## Standard specifications

Dimensions	91x63x187 mm - Ultrafast Reflection mode
	91x63x167 mm - Ultrafast Transmission mode
	91x63x108 mm - Enhanced Reflection mode
	91x63x105 mm - Enhanced Transmission mode
	91x63x75 mm - Standard with PBS cube
	91x63x70 mm - Standard with HP PBS cube
Time between min and max attenuation	3 sec
Resolution	41.54 arcsec/step
Step accuracy in full rotation	±4 steps*
Backlash	±4 steps

\* Step accuracy for single start/stop rotation (not full cycle) depends on acceleration and speed of the stepper motor; these parameters are user-controlled.

Manual version of the Watt Pilot model costs 750 € less than the motorized model found in the catalogue.

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