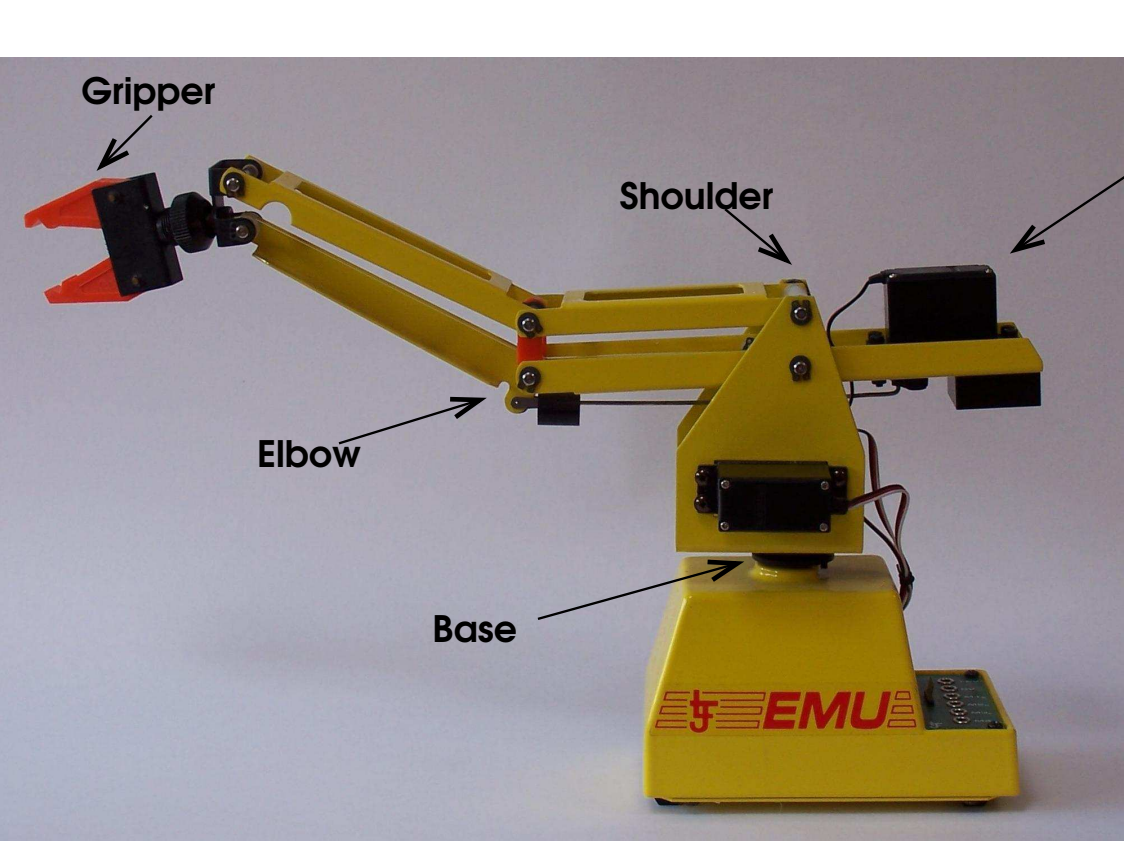


Servomotors and the robot arm



Servomotors can move through a range of positions.

They can hold their position.

The servomotor's position is controlled by a continuous stream of electrical pulses.

The frequency of the pulses is constant, for the robot's servos it is 50Hz or 50 pulses per second.

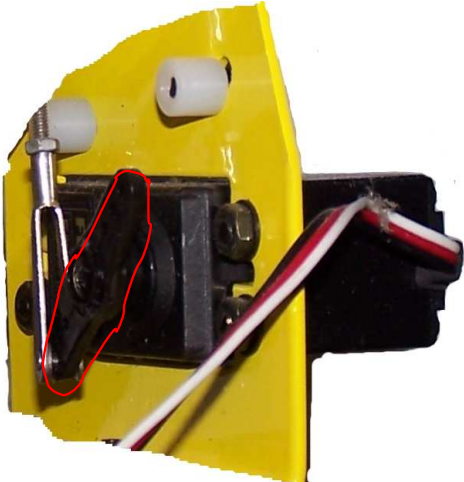
The duration of each pulse determines the position of the servo. The duration can be varied between 1 millisecond and 2 milliseconds



Servo at mid position.



medium width pulses



servo at minimum position



narrowest pulses



Servo at maximum position



widest pulses