ROBOT02

"Grab-it" aluminium 5 axis robot arm kit

The 5 axis robot arm "Grab-it" offers a simple and fun way to get in touch with the world of electronics, mechanics and programming. With the possibility to mount all common singleboard-computer, this kit is not bound to any specific device.

Due to the stable construction made of aluminium with ball bearing hinges, high-torque servo motors and a powerful grabbing claw, it is possible to grab something securely and move it from A to B.

MAIN FEATURES	
Material	Base plate: acryl 4,5mm
	Arm: aluminium
Color	Black
Servomotors	21.5 kg/cm torque at 7.4V
	5V—7.4 V DC voltage
	360° mechanical angle, 180° work area
	Metal gear
	Controlled via PWM
Special features	Ball bearing hinge, ball bearing rotary table, possibility of mounting different controller
Compatible to	Raspberry Pi (2, 3A, 3A+, 3B, 3B+, 4B)
Dimensions	Base plate 28,5cm x 16cm Height up to 42cm
Scope of delivery	Robot arm in single parts (arm, rotary table, claw, base plate, mounting material), 6 servomotors, German mounting and operating manual (digital english version at www.joy-it.net
Optional accessory	Moto PI (motor control for Raspberry Pi)
	Motorino (motor control for Arduino Microcontroller)

FURTHER DETAILS	
Article No.	Robot02
EAN	4250236815374
Customs tariff No.	95030039