Gripper interface module





1 User-centric easy-to-use UI

NEO 6X's intuitive UI allows even an unskilled worker to easily maneuver the robot.

### **2** Easy to establish communication

An interlock board is applied to make it easy to establish a communication between a robot and an injection molding machine through internationally standardized interface for communication (EUROMAP12, EUROMAP67).

#### 3 Integrated valve box system

The vacuum-controlled integrated valve system is incorporated, with a design enabling the site worker to easily perform valve line related maintenance.

#### 4 Easily and simply connectable interface port

The port easily and simply can be connected with the interface, thereby quicker maintenance and repair is possible and minimizes any operation trouble.

## **NUROX ROBOT** SERIES



NAU sames

## NURO X 7-0.9 Model

1) Compact structure to maximize efficiency 2) High speed, high repositioning accuracy, maximum production efficiency 3) Achieving high accuracy and maximizing arm length

## NURO X 20-1,7 Model



2) Widely used in cutting, polishing, loading and unloading











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NURO X 220-3.0S Model 1) Stable operation under heavy load 2) Widely used in spot welding, polishing, stacking and other occasions

## **NAU** ROBOTICS

www.naurobot.com www.youtube.com/c/NAUROBOTICS

# NURO X Series



## Smart Teach Pendant NUTP-7



## A new concept of smart controller for robot programing made more convenience and easier in various industrial sites

NAU ROBOTICS' Teaching Pendant allows the operator to jog the robot conveniently and easily, even in difficult industrial sites. The interface of NEO 6X displays accurate information about the machine operation on the screen.

In addition, it has the same interface as a smartphone, anyone with no experience with robots or an expert level can easily use it without any training.





#### Intuitive user interface

The user-centric intuitive UI designed much like maneuvering a Cartesian coordinated take-out robot is easy to use even if you are not a trained operator.

## Software optimized in injection molding process

It is possible to easily build a robot system with optimized programming by analyzing the injection molding process such as product take-out, insert, gate cutting, and palletizing.

#### Easy to use

NAU ROBOTICS Smart Teaching Pendant has a 7 inch super high bright touchscreen that allows the user to check input values quickly and easily.

### Maximized efficiency by reflecting various working environments

The NEO 6X offers enhanced efficiency by reflecting customer demands in various applications such as small quantity batch production, complex mold structure in injection molding, etc.

## Dimension

NURO X 7-0.9 Product Model



Installation Method	Floor Mounted, suspension Installation		Inverted Mounted	Mounted, Inverted Mounted	Floor Installation
Freedom of motion	6				
Maximum motion range	910mm		1722mm	2146mm	2674mm
Motion Range of each shift	joint No,1	±170°	±180°	±180°	±180°
	joint No,2	+ 100° /-135°	+ 64° /-142°	+ 70° /-130°	+ 60° /-80°
	joint No,3	+ 200° /-75°	+ 165° /-73°	+ 175° /-80°	+ 90° /-83°
	joint No,4	±190°	±360°	±360°	±360°
	joint No,5	±120°	±132°	±115°	±120°
	joint No,6	±360°	±720°	±450°	±360°
Motion Velocity of each shaft	joint No,1	300°/sec	170°/sec	160°/sec	100°/sec
	joint No,2	255°/sec	165°/sec	150°/sec	80°/sec
	joint No,3	320°/sec	170°/sec	130°/sec	85°/sec
	joint No,4	450°/sec	360°/sec	200°/sec	110°/sec
	joint No,5	450°/sec	360°/sec	200°/sec	105°/sec
	joint No,6	720°/sec	600°/sec	285°/sec	200°/sec
Body Weight (cable excluded)	38kg		220kg	550kg	1110kg
Repeatability	±0.03mm		±0.06mm	±0.08mm	±0.03mm
Maximum Load	7kg		24kg	50kg	210kg
Ambient temperature	0~40°		0~40°	0~45°	0~45°
Body IP code	IP67		IP65 (Dust and drip prevention)	IP65	IP65
Protection grade of electric cabinet	IP43				
Function	Assembling, Handling		Spray , Cutting , Loading and Unloading	Handling. Loading and unloading, stacking, cutting	Spot Welding. Polishing Handling, Stacking







## Guide to **NURO** *X* Series depending on payload and size



Injection mold clamping force (Unit: ton)

Address: (Gojan-dong 673-8) 42, Aenggogae-ro 449beon-gil, Namdong-gu, Incheon, Republic of Korea TEL: +82-32-719-7040 FAX: +82-32-719-4948 (Sales & Marketing Team) +82-32-719-7041 (Purchasing Team) www.naurobot.com www.youtube.com/c/NAUROBOTICS

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