

..... 1

..... 1

..... 2

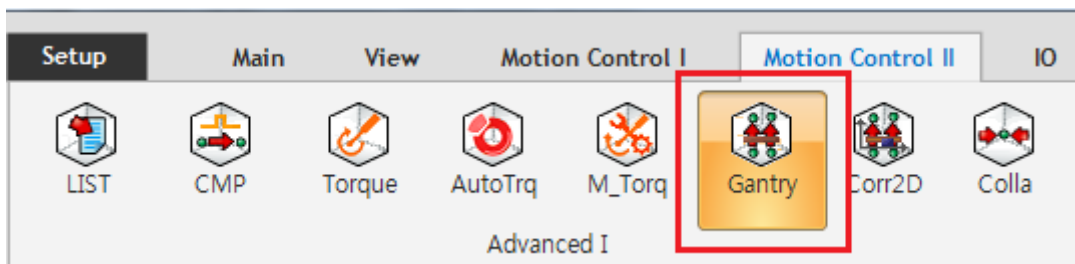
..... 4

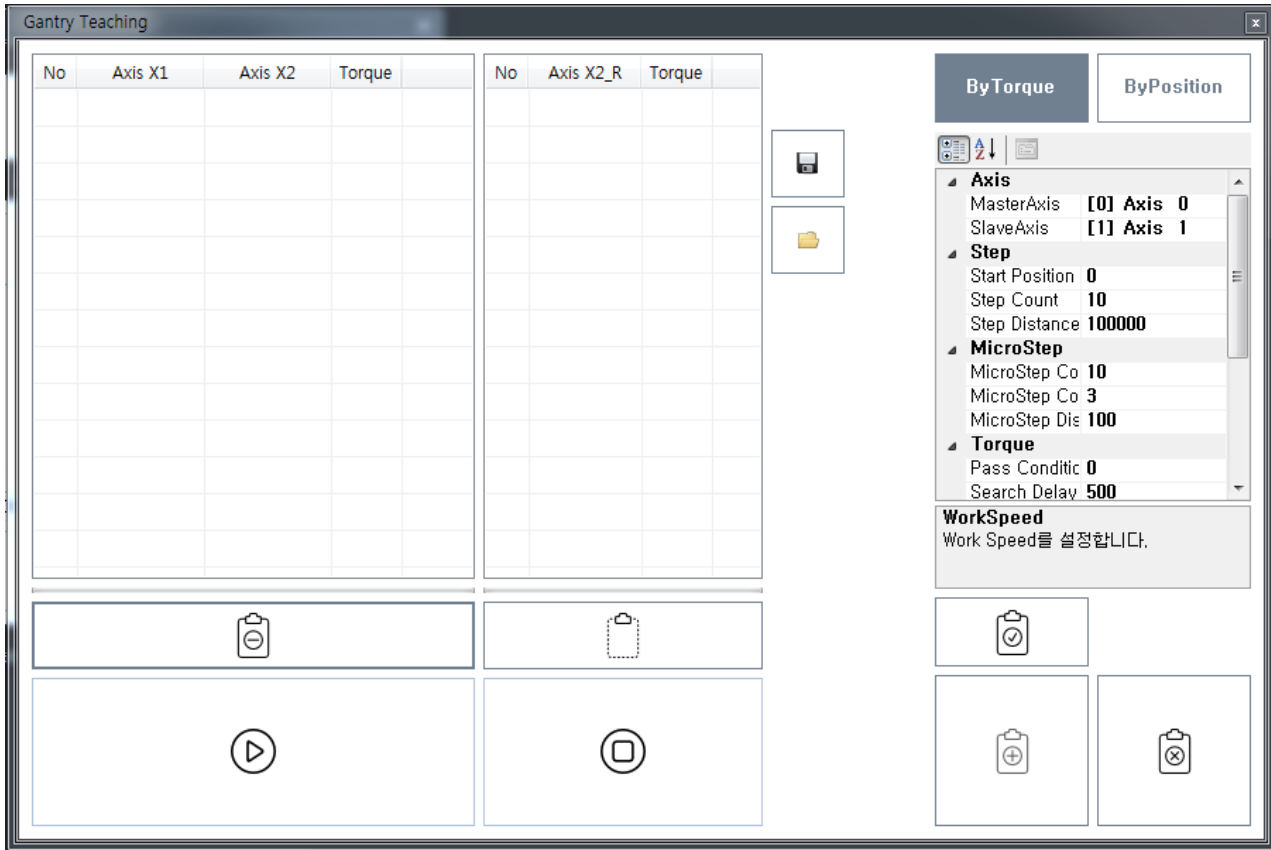
Gantry Teaching

x

- Master Slave , Step Distance MicroStep Distance
- Gantry Step Distance , MicroStep , 가 가
- 가 Master Slave 가
- Step Count table
- Table , Master-Slave Master , Slave 가
- Table
 - (1000, 990), (2000, 994) , 가 1500 , Slave 992

- ComilIDE Gantry Gantry Teaching





Axis

- Master Axis : Gantry Master
- SlaveAxis : Gantry Slave

Step

- Start Position : Teaching
 - Start Position 0
- Step Count, Step Distance :
 - Step Count , Step Distance ,
 - StepCount * StepDistance 가 ,
 - , Step Count = 10, Step Distance = 100 , 1,000

MicroStep

- MicroStep Count :
 - + / - MicroStep Count ,
 - MicroStep Count , Step

- MicroStep CountLimit : MicroStep Torque가 CountLimit 가
 - , CountLimit = 3 1,2,3 1.2, 2.1, 2.5 ,
 - , + - .
- MicroStep Distance : MicroStep
 - 가 .

Torque

- Pass Condition : Pass Condition Step 가 ,
- Search Delay : Micro Step Delay .
- Torque Limit : , .
- Torque Warning : , Warning

The screenshot shows the Gantry Teaching software interface. It features two data tables and a configuration panel on the right.

No	Axis 0	Axis 1	Torque
0	0	-300	1
1	20000	19800	0,8
2	40000	39800	0,2
3	60000	59800	0,6
4	80000	79900	1,6
5	100000	99900	1,1
6	120000	119900	1,1
7	140000	139900	1
8	160000	159900	0,8
9	180000	179900	0,3
10	200000	199900	2

No	Axis 1	Torque
0	0	13,7
1	100	36,9
2	200	40,8
3	300	45
4	-100	6
5	-200	2,4
6	-300	1
7	-400	5
8	-500	7,3
9	-600	9,8

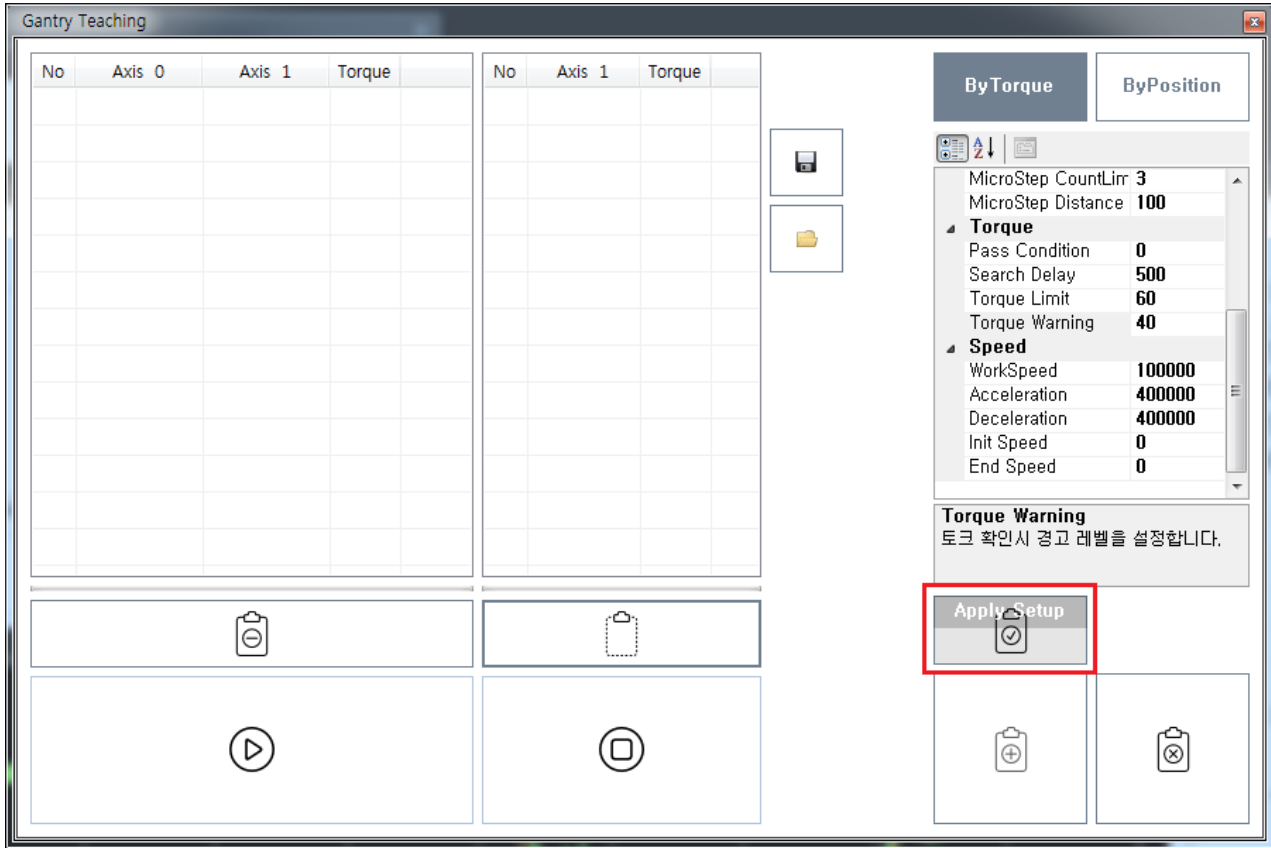
Configuration Panel (ByTorque / ByPosition):

- Step: Start Position 0, Step Count 10, Step Distance 20000
- MicroStep: MicroStep Count 10, MicroStep CountLim 3, MicroStep Distance 100
- Torque: Pass Condition 0, Search Delay 500, Torque Limit 60, Torque Warning 40
- Speed: Torque Warning 토크 확인시 경고 레벨을 설정합니다.

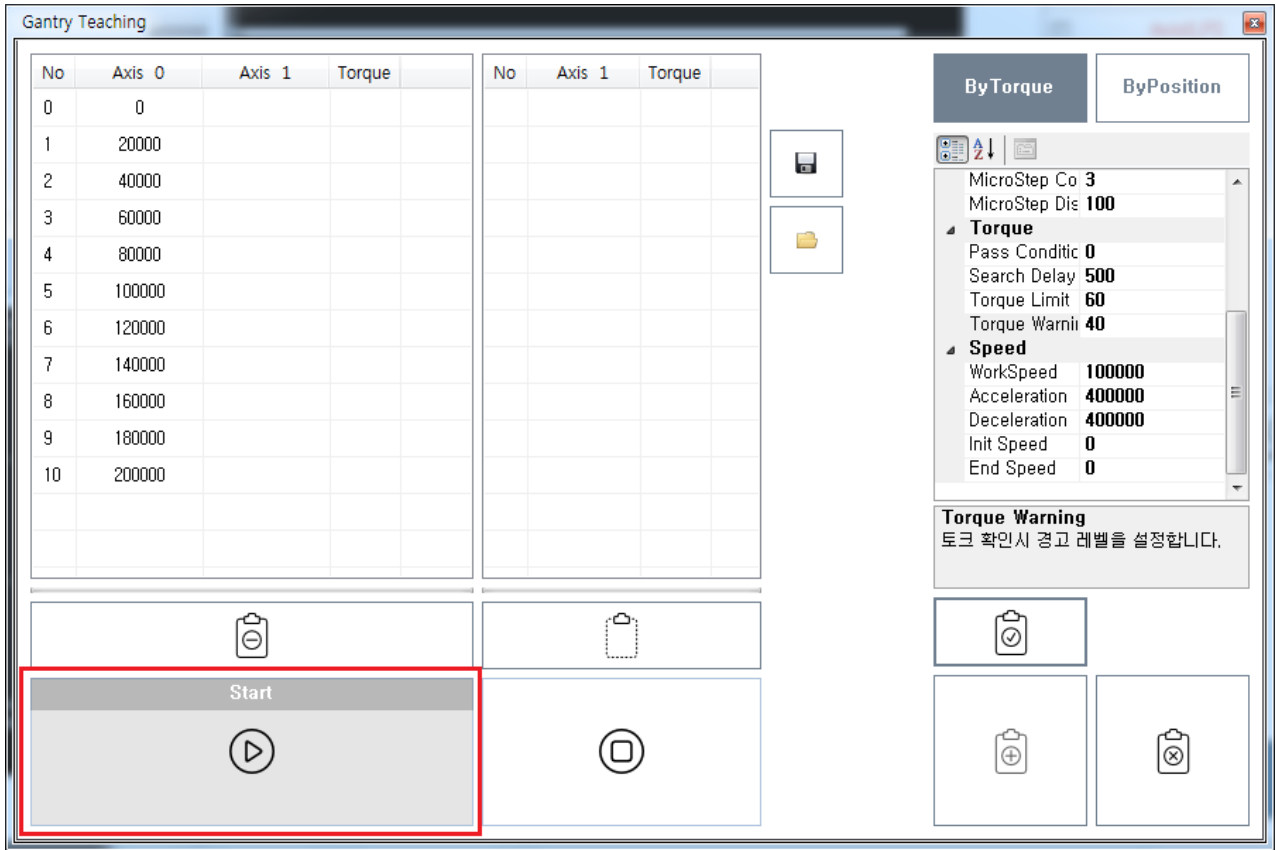
Speed

- Teaching

- ApplySetup

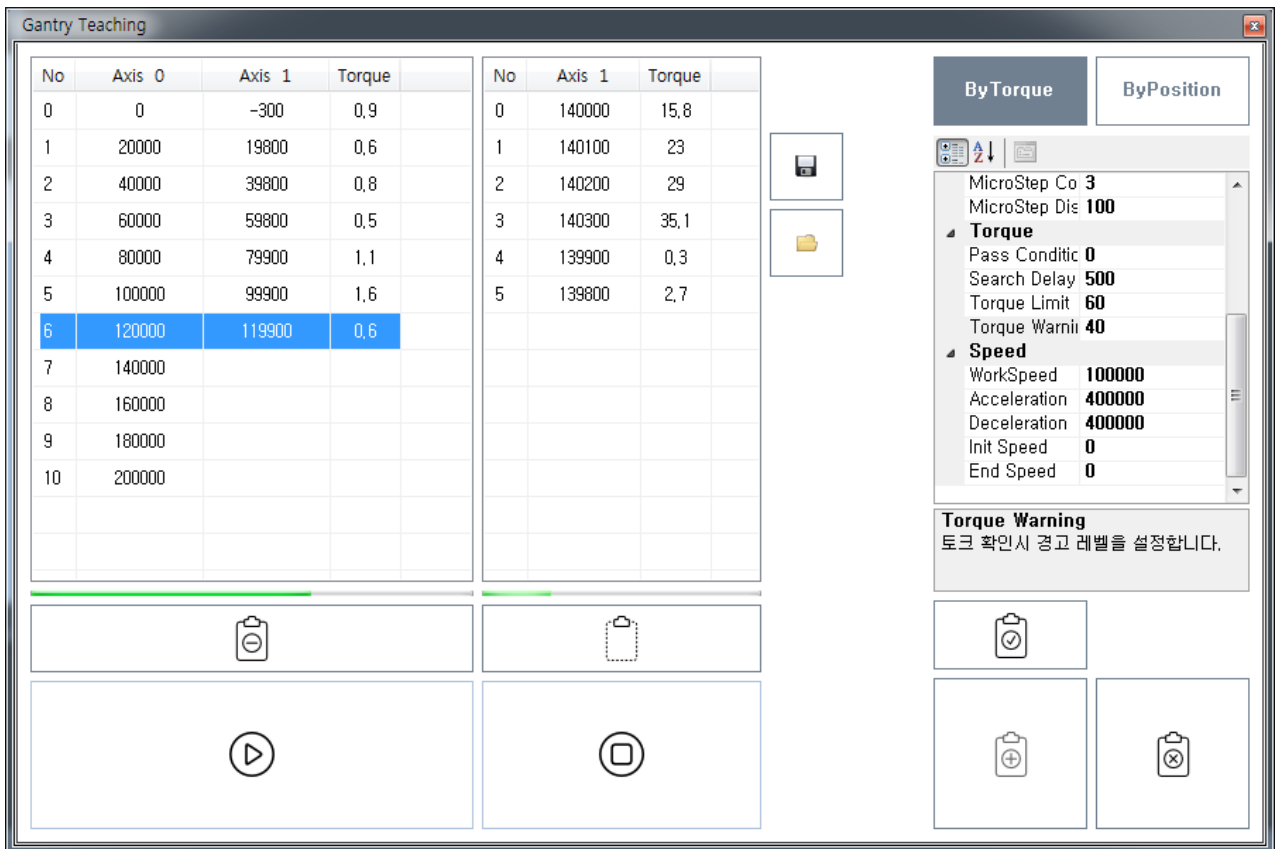


- Start Teaching



• Teaching

Teaching



- Teaching Register To Axis

The screenshot shows the 'Gantry Teaching' software interface. It features two data tables, a parameter configuration panel, and a control area with several buttons. The 'Register To Axis' button is highlighted with a red box.

No	Axis 0	Axis 1	Torque
0	0	-300	0,9
1	20000	19800	0,6
2	40000	39800	0,8
3	60000	59800	0,5
4	80000	79900	1,1
5	100000	99900	1,6
6	120000	119900	0,6
7	140000	139900	0,3
8	160000	159900	0,1
9	180000	179900	0,8
10	200000	199900	2,1

No	Axis 1	Torque
0	20000	21,1
1	20100	28,5
2	20200	34,5
3	20300	40
4	19900	4,1
5	19800	0,6
6	19700	2,3
7	19600	6
8	19500	8,7

Parameters:

- MicroStep Co: 3
- MicroStep Dis: 100
- Torque**
 - Pass Conditic: 0
 - Search Delay: 500
 - Torque Limit: 60
 - Torque Warni: 40
- Speed**
 - WorkSpeed: 100000
 - Acceleration: 400000
 - Deceleration: 400000
 - Init Speed: 0
 - End Speed: 0

Torque Warning: 토크 확인시 경고 레벨을 설정합니다.

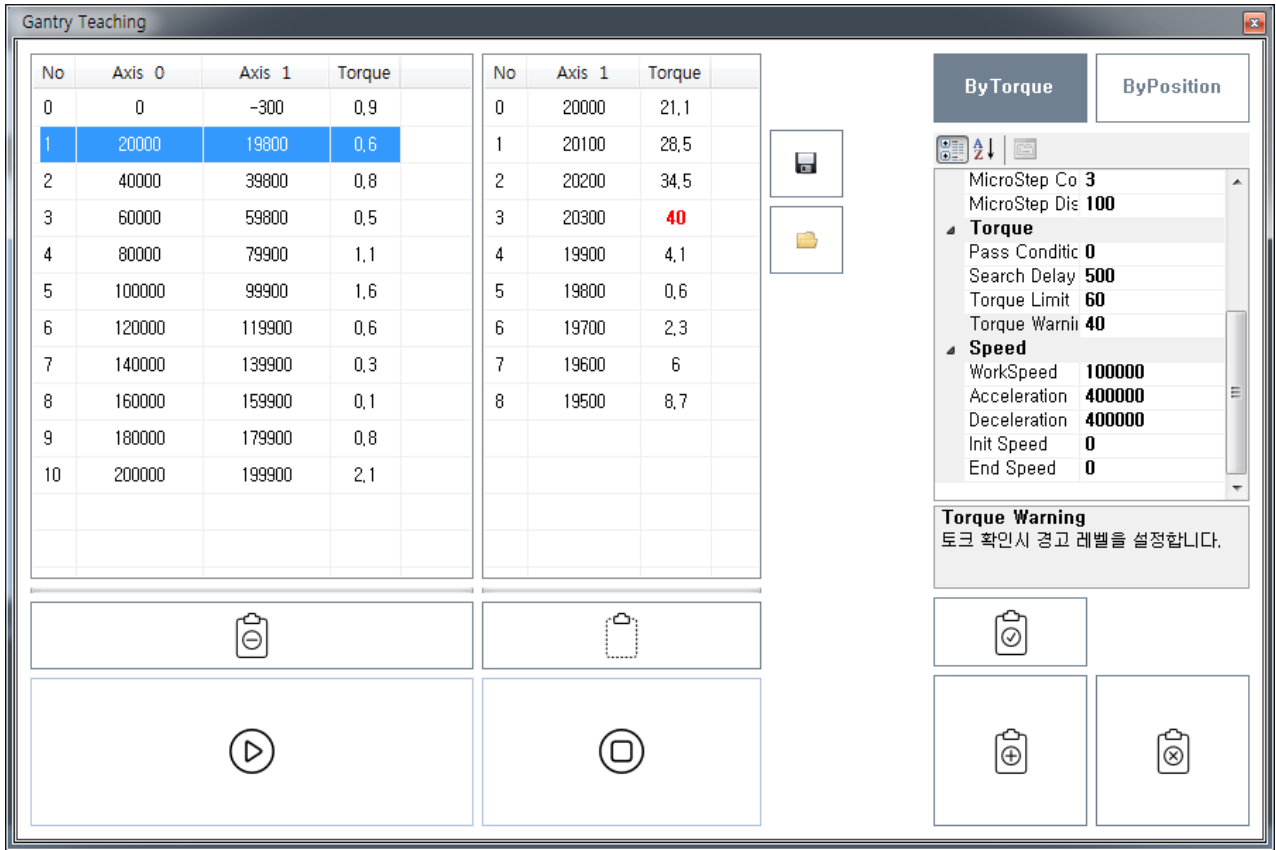
Buttons: Register To Axis (highlighted), Play, Stop, Home, etc.

- , Master-Slave

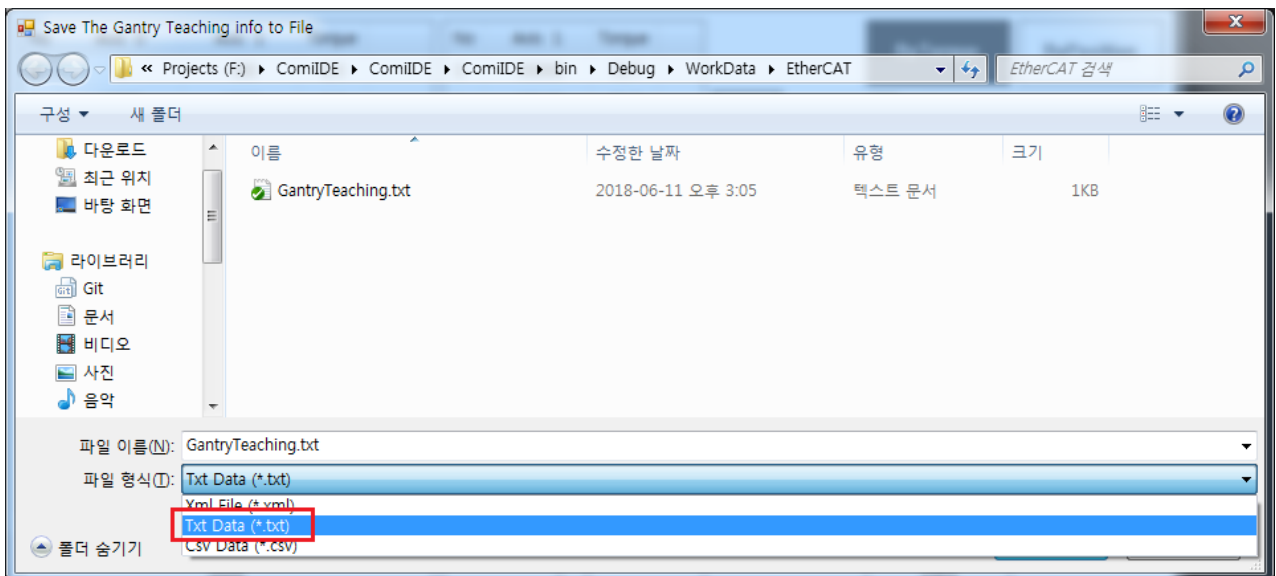
The screenshot shows the 'Motor Monitor' software interface. It displays the status of three axes:

- Axis 0: ON
- Axis 1: SLAVE_MODE
- Axis 2: OFF

- Step Step MicroStep



- Save txt UserApplication API



comizoa, , ide, ethercat, gantry, , ,

From:
<http://comizoa.com/info/> - -

Permanent link:
http://comizoa.com/info/doku.php?id=application:comiide:tool:gantry:20_gantry_teaching&rev=1575623704

Last update: **2024/07/08 18:23**