

..... 1

..... 1

..... 2

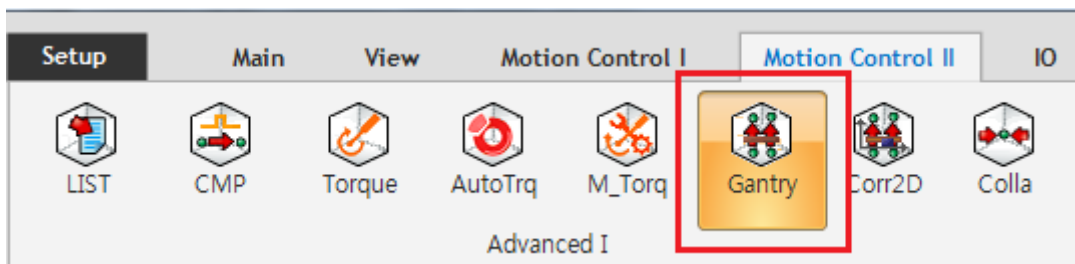
..... 4

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



- 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):

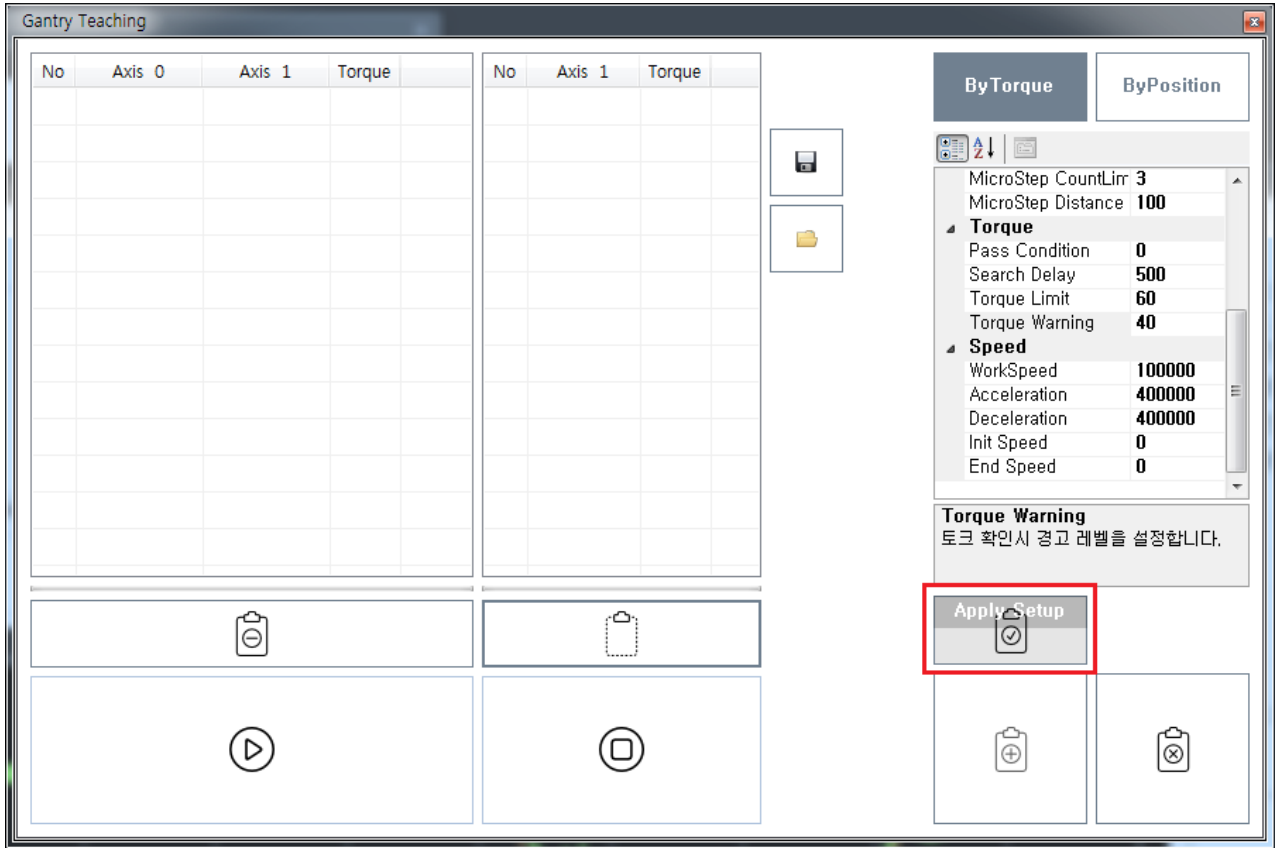
- Start Position: 0
- Step Count: 10
- Step Distance: 20000
- MicroStep:
 - MicroStep Count: 10
 - MicroStep CountLim: 3
 - MicroStep Distance: 100
- Torque:
 - Pass Condition: 0
 - Search Delay: 500
 - Torque Limit: 60
 - Torque Warning: 40
- Speed

Torque Warning: 토크 확인시 경고 레벨을 설정합니다.

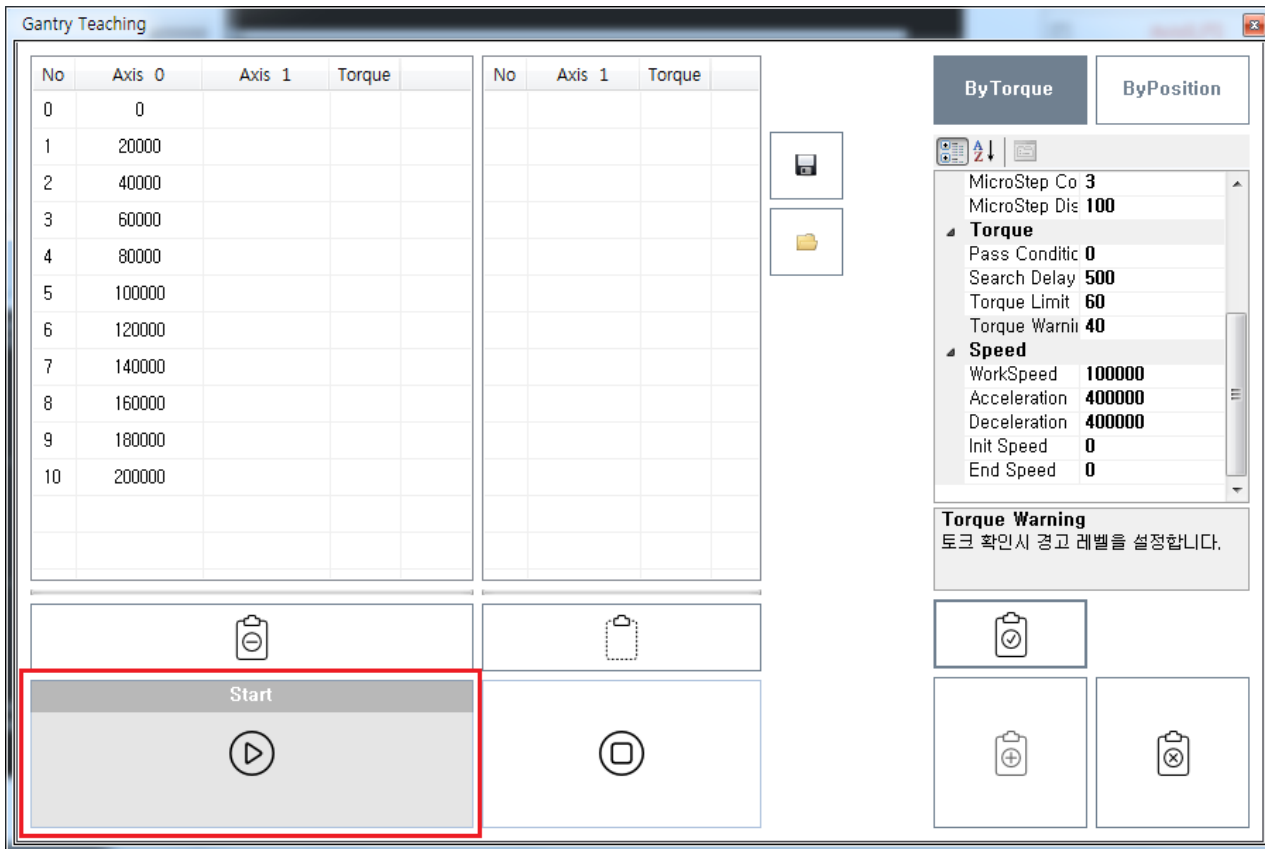
Speed

- Teaching

- ApplySetup

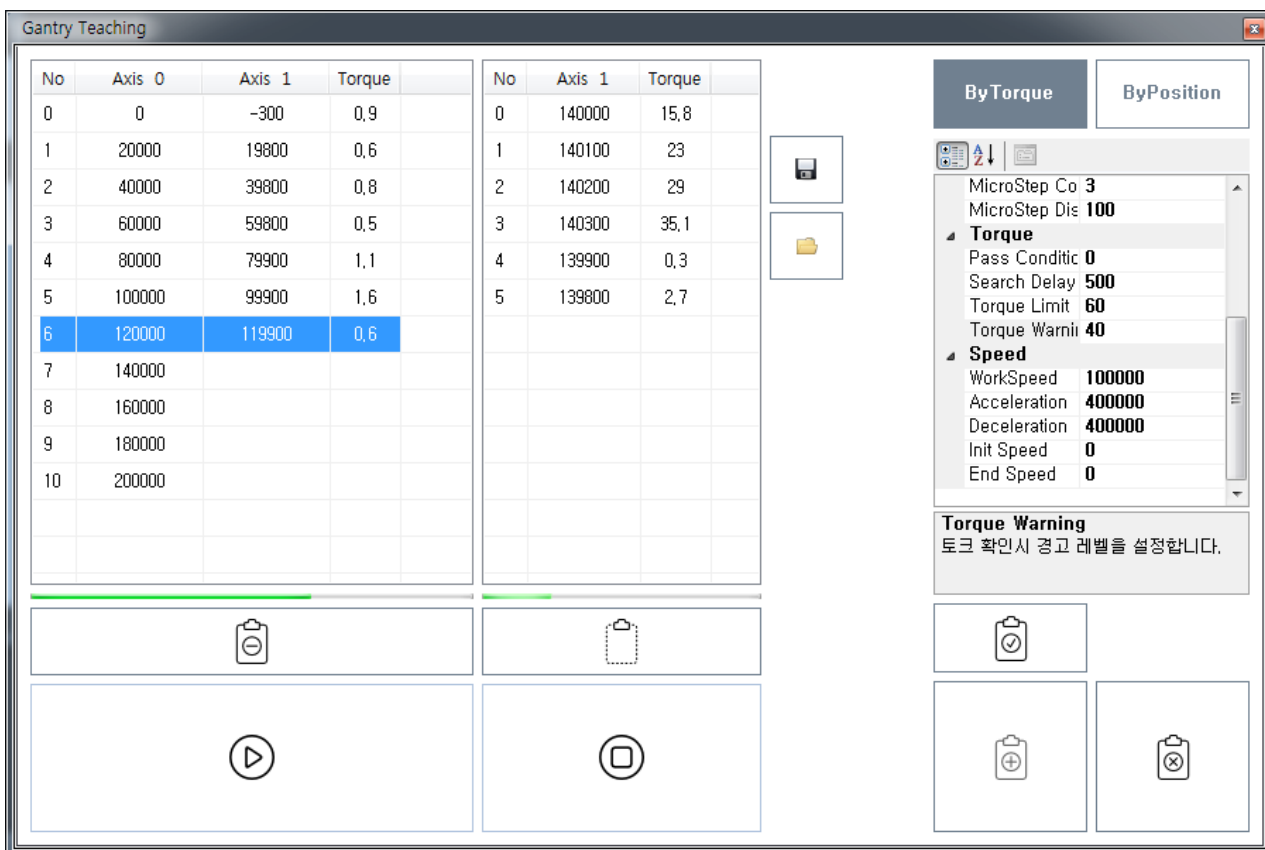


- Start Teaching



• Teaching

Teaching



- Teaching Register To Axis

The screenshot shows the 'Gantry Teaching' software interface. It features two data tables, a parameter configuration panel on the right, and a control area at the bottom. 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

Parameter Configuration Panel:

- ByTorque | ByPosition
- 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.

Control Area:

- Register To Axis (highlighted with a red box)

- , 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

The screenshot shows the Gantry Teaching software interface. It contains two data tables, a control panel, and a warning section.

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

Control Panel: By Torque (selected), By Position. Parameters: MicroStep Co 3, MicroStep Dis 100. Torque: Pass Conditic 0, Search Delay 500, Torque Limit 60, Torque Warnii 40. Speed: WorkSpeed 100000, Acceleration 400000, Deceleration 400000, Init Speed 0, End Speed 0. Torque Warning: 토크 확인시 경고 레벨을 설정합니다.

- Save txt UserApplication API

The screenshot shows a Windows file explorer window titled 'Save The Gantry Teaching info to File'. The address bar shows the path: Projects (F:) > ComiIDE > ComiIDE > bin > Debug > WorkData > EtherCAT. The file list shows 'GantryTeaching.txt' with a modification date of 2018-06-11 오후 3:05. The file type is '텍스트 문서' (1KB). The '파일 이름(N):' field contains 'GantryTeaching.txt'. The '파일 형식(I):' dropdown menu is open, showing options: 'Txt Data (*.txt)' (highlighted with a red box), 'Yml File (*.yml)', and 'Csv Data (*.csv)'. The folder view is set to '새 폴더'.

From:

<https://www.comizoa.com/info/> - -

Permanent link:

https://www.comizoa.com/info/doku.php?id=application:comiide:tool:gantry:20_gantry_teaching&rev=1575253995

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