N-DAS FOR MY-TR System Operation Manual



Y2F210-5-009 2022/01/26

MYTORQ Table of Contents

1	User Guide
2	System Requirements4
3	Hardware5
4	System Connection6
5	System Screen Introduction9
	 Unlock Settings
	 Password change setting method10
	 Restore default password10
	1. Product setup page11
	2. Controller and Job setup page28
	3. Barcode Manager
	4. Report and trend graph setup page
	5. Instant data display37
6	Remote Screen
7	System Function Setup
8	Info Company Website41
9	Example Description42
10	Statement

MYTORQ 1 User Guide

This manual describes how to quickly operate the "Data Acquisition System" and get started with the MY-TR controller.

Diversified operation interface, user-friendly design also system can have functions such as report operation, data analysis, trend graph, parameter setting, etc.



YTORQ2 System Requirements

- Windows 10, Windows 8, Windows 7, Windows XP or Windows Vista
- Hardware memory at least 768MB/2GBHz processor
- At least 2GB hard disk
- Recommended at least 16-bit color and 1024x768 screen resolution
- .NET Framework 4.0 or above must be installed

MYTORQ ③ Hardware

- 1. The following must be prepared before operating this system:
 - MY-TR Controller
 - Executable file for the operating
 - D

Data_Acquisition_System.exe.

- One RS-232 serial port.
- One 1D(Linear) barcode scanner (*not necessary).
- 2. Device connection as in the following diagram:



MYTORQ④ System Connection

Step 1: Before log in, it is required to set the date format in the computer system as "YYYY/MM/DD".

Step 2: Download the compressed software

NOTE:

For the version: 1.0.0.6 and later on, there must have 2 additional dll files in the folder(shown as below picture) after you decompressed the software. These are required files to run the software.



<u>Step 3:</u> Open the executable file **D** Data_Acquisition_System.exe.



<u>Step 4:</u> Move the mouse cursor to **MYTORQ** and display the four

controllers.



Step 5: Tontroller selection (MY-TR)



Step 6: Go to 💿 Comm page.

	Comm		
	Connection Control: Device Comm Port :	COM3 v 115200 v None v 8 v 1 v OPEN CL	DSE
¢		A B	
0			
		. (c)	
		COM3 ~	
A	COM3 ~	port to pull down	

(Connect according to the port of the computer display device)

B And press OPEN and leave controller product testing setup page (communication settings are default, there is no need to modify).

(5) System Screen Introduction

Unlock Settings

The page displayed is Instant data display after entering the screen. At this time, no operation can be performed due to locked setting. You must enter the password first if need to unlock for operation.

Step 1: After clicking the button of "Edit Settings", the unlock window will pop up.

Step 2: Enter the default password "admin123" and click confirm button.

	MY-TR
Controller Ber 🔦	
ENABLE RESET QUIT Edit Settings 1	Control Program Configuration (Auto Learning): UnLock RM DISABLE ENABLE Y LOAD SAVE
D.0 Screw of Count of O	Enter password Edit Password OK Exit O.0
D D Sec Barcode	Program of Unit 1
Log Bar	
Shutoff Screw Count OK OKALL NG OK OKALL NG OK OKALL NG Scale A Shutoff Count Inc/Dec Interval Interval Count Count Count NG Scale Index	Recv. Time Device Tool Time Torque Unit Thread Shutoff S. Status C
Log Bar Shutoff Scnew Count OK OKALL NG OK OKALL NG Count NG Scale Index Status Count Inc/Dec Interval Interval Count Count Count NG Scale Index	Recv. Recv. Time Device Tool Time Torque Unit Thread Shuboff Status C No Recv. Time Count ID Time Torque Unit Thread Status C

Password change setting method

Click "Edit Settings" button \rightarrow "Edit Password" to enter the old password and

the new password, and then click OK button to complete the setting.

NOTE: New password setting: Six to eight characters in length, including

English uppercase and lowercase, numbers.



Restore default password



Excel		🔬 Setup	2
Record		INI	
Setting		🔊 mingli	u
Data_Acquisition_System	3	M5_PIC	С

 Product setup page: divide the setup page into partitions and introduce them in order.

MY-TR				
Control Program Co	afiguration (Auto Learning);	Controller Har		
Frogram :	CLEAR CONFIRM DISABLE ENABLE RESE EDIT COPY LOAD SAVE SELECTION	T QUIT Edit Settings		\rightarrow
<u>Received Data Display :</u>	<u>Data Analysis :</u>	<u>Program Load/Write</u>		
Received Time :	Count = 0 Scale : 0 ~	~ <i>I</i> ~		•
Device ID : NS/AS	Shutoff Thread > 0.5 Point : 0 ~	Max Count :		
Program Unit : DIS/ENA	OK Time Limit > 1.0 Count : 0	SP: L0 \lor RC: 0.000 PT: 0.000		
Device Count :	OKALL Time Limit > 10.0 Count : 0	AT: 2.000 OT: 0.000 Offset: 0.00 Nm		
Sequence ID :		LL: 0.000 CT: 10		
Screw Count : INC		RT: 0.000 RR: 0.000 RS: 0.000		
Shuboli lime : Sec	IOC Range	NS: 🗸 AS: 🗸		
Shubhi lorque : Nm	Max Min Avg +% -%	DAS System Status :		
Shutoff Thread :	T:	HT: 9.99 LT: 0.000 Status:		
Shutoff Status :	Q:	HQ: 9.9 LQ: 0.000 Status:		
Device Mode:	C:	HC: 9.9 LC: 0.000 Status:		
Device Status :	David Charles Commence		l de la companya de l	
Barcode Data:	NG OK OKALL NG®			
BarCodeEnable OFF				
		Log Bar		
Recv. Recv. Time Device No. Recv. Time	Tool Time Torque Unit Thread Shutoff Screw Co	unt OK OKALL NG OK OKALL NG% Dec Interval Interval Count Count Count	Clutch Scale Analysis Max Min Average Scale Index Count Torrue Torrue Torrue	* +% -% Baxode R
		De mere mere com com com	near max coun rollar rollar	
•		A		L
		-		
				>

NOTE:

The pages of the system can be operated by sliding left and right software can be operated on the touch screen.



A Controller device setup

Control Program Configuration (Auto Learning);									
Program :		CLEAR	CONFIRM	DISABLE	ENABLE	RESET	OUUT	Ed it Settings	
Tool ID :		EDIT	СОРУ	LOAD	SAVE	SELECT	QUII	Lock Settings	

Introduce the functions for the two zones from left to right in order:

	Control Pr	togram Con	figuration (Auto	Learnin	<u>g):</u>	
Pr	ogram :					
То	ool ID :					
Control Progra	am Confiau	ration (Au	to Learning) : F	Press	EDIT	and check

Control Program Configuration (Auto Learning): the check box . then the user could Load or Write the parameters.

When the check box is unchecked \geq

> Control Program Configuration (Auto Learning): , all input fields are

shown as gray color which mean the user can't input any parameters.



Page 12 of 46

> When the check box is checked

Control Program Configuration (Auto Learning): , all input fields are

shown as white color which mean the user can input the parameters.

			Ргодташ	Load/W	<u>Frite :</u>				
			~	1	\sim				
Max C	count :]					
SP :	LO 🗸	RC:	0.000	PT :	0.000				
AT:	2.000	OT:	0.000	Offset :	0.00 Nm				
LL :	0.000	CT:	10						
RT:	0.000	RR :	0.000	RS:	0.000				
NS :	~	AS :	~						
DAS System Status :									
HT:	9.99	LT:	0.000	Status :					
HQ :	9.9	LQ :	0.000	Status :					
HC :	9.9	LC :	0.000	Status :					

- Program: Display the program group currently used (Program).
- Tool ID: Display the current used tool's id.

CLEAR	CONFIRM	DISABLE	OUT	Edit Settings						
EDIT	СОРУ	LOAD	SAVE	SELECT	QUII	Lock Settings				
CLEAR to report counting										
CLEAR: Press to reset counting.										
CONFIRM: Press CONFIRM to dismiss controller C3 status										
	(ref	er to Use	er Manual	l for C3 fu	nction intr	oduction).				



	MY-TR					
		Controller Ber	*			
	Control Program Conf	figuration (Auto Learning)				
0	Program :	CLEAR CONFIRM DISABLE ENABLE RESET OUT Edit Settings				
	Tool ID :	EDIT COPY LOAD SAVE SELECT LockSettings				
Ţ,	<u>Received Data Display :</u>	Data Analysis : Program Load/Write :				
~	Received Time :	Count = 0 Scale : 0 - / -				
•	Device ID : NS/AS	Shutoff Threed > 0.5 Foint: 0 - Mex Count:				
*	Program Unit : DIS/ENA	OK Time Limit > 1.0 Count: 0 SP: L0 V RC: 0.000 PT: 0.000				
	Device Count :	OKALL Time Limit > 10.0 Count: 0 AT: 2000 OT: 0000 Offset: 0000 Nm				
0	Sequence ID :	LL: 0.000 CT: 10				
	Screw Count : INC	PT- 0.000 PP- 0.000 Pe- 0.000				
	Shutoff Time : Sec					
	Shutoff Torque : Nm	IOC Range				
	Shutoff Thread :	Max Min Avg +% -% DAS System :				
	Shutoff Status :					
	Device Mode:					
	Device Status :	C: 99 EC: 0000 and				
	Parroda Data:	Device Status Summary :				
		NG OK OKALL NG%				
	BarCodeEnable					
		LogBer	_			
	Bass Device					
	No Recv. Time Device Count	100 Ime Torque Unit Thread Status Count InChe Interval Catter Count Count Count Count Count State Count InChe Interval Catter Count				
			(e)			
	<		»			

• LOAD: To load the parameter settings from the MY-TR controller. Press EDIT and check Control Program Configuration (Auto Learning): and select program . Press QUIT to finish this process.									ELECTRIC SCREWDIVE
 LOAD: To load the parameter settings from the MY-TR controller. Press EDIT and check Control Program Configuration (Auto Learning): and select program Press Press Press Press QUIT to finish this process. 	ΜΥΤ	OR	Q						
Press EDIT and check Control Program Configuration (Auto Learning): and select program I . Press UIIT to finish this process.	• LOAD:	: To load	d the pa	rametei	r setting	gs from	the MY-	-TR conti	roller.
and select program 1 . Press QUIT to finish this process.	Press	EDIT	an	d chec	k 🗵	Control I	Program C	onfiguration	n (Auto Learning):
Program : CLEAR CONFIRM DISABLE ENABLE RESET QUIT Tool ID : V EDIT COPY LOAD SAVE SELECT UIT Lock Settings	and se	elect pro	ogram	1 ~	. Press	Q011	to fi	nish this	process.
Tool ID : V EDIT COPY LOAD SAVE SELECT Lock Settings	Program :	~	CLEAR	CONFIRM	DISABLE	ENABLE	RESET	QUIT	Edit Settings
	Tool ID :	~	EDIT	COPY	LOAD	SAVE	SELECT		Lock Settings

Ŝ

Program Load/Write :											
	3		~	1	~						
Max C	Count :]							
SP :	L0 ~	RC:	0.000	PT :	0.000						
AT:	2.000	OT:	0.000	Offset :	0.00	Nm					
LL :	0.000	CT :	10								
RT:	0.000	RR :	0.000	RS :	0.000						
NS :	~	AS :	~								
	DAS System Status :										
HT:	9.99	LT:	0.000	Status :							
HQ :	9.9	LQ :	0.000	Status :							
HC :	9.9	LC :	0.000	Status :							





- Edit Settings : After entering the system, you must click Edit Settings
 and enter the password to unlock the screen and switch to other pages.
 (Please refer to <u>"Password Change Setting Method"</u>)
- Lock Settings : Click Lock Settings to automatically jump to the "Instant data display" screen, and no operation can be performed. The lock settings must be unlocked.

(Please refer to "Instant data display", "Unlock Settings")



B Received Data Display: All fastened data can be displayed instantly.

<u>Received Data Dis</u>	olay :	
Received Time :		
Device ID :		NS/AS
Program Unit :	D	IS/ENA
Device Count :		
Sequence ID :		
Screw Count :	INC	
Shutoff Time :		Sec
Shutoff Torque :		Nm
Shutoff Thread :		
Shutoff Status :		
Device Mode:		
Device Status :		
Barcode Data:		
BarCodeEnable	OFF	
		Ser.

- Received Time: The time to fasten the data.
- Device ID: Device ID (1~255).
- Program Unit: This fastened program group (Program).
- Device Count: The total number of times the device is fastened.
- Sequence ID: Shows current sequence unit ID (1~8).
- Screw Count: The number of fastened units.

- Shutoff Time: How long driver ran before clutch tripped. (Sec)
- Shutoff Torque: the torque for the fastening.
- Shutoff Thread: Number of rotations at output shaft.
- Shutoff Status: shut off status (OK, NG, OK ALL, REV).
- Device Mode: STD mode, ADV mode (please refer to manual).
- Device Status: (Refer to the "Display Status Code Description" in User

<u>Manual</u>).

- Barcode Data: barcode data.
- BarCodeEnable: The C3 function will be dismissed when the barcode is scanned (refer to User Manual for C3 function introduction).

C Data Analysis: the number of times, the number of shut off, OK and

OKALL interval time can be set. The data which meet the conditions will be shown.

NOTE: Data Analysis will be activated when the TQC Range is enable.

<u>Data Analysis :</u>			
Count =	0	Scale :	$0 \sim$
Shutoff Thread >	0.5	Point :	0 ~
OK Time Limit >	1.0	Count :	-1 0
OKALL Time Limit >	10.0	Count :	2 ⁰

- Count: the number of shutoff Thread greater than its setting and also the torque value is greater than 0.
- Scale: 0~8 scale.
- Shutoff Thread: Output shaft must rotate more than displayed value or result will be ignored.
- Point: Clutch scale (1~15).
- OK Time Limit: Set the maximum duration between each OK1 signal. Once the time over this setting, it will count 1.



1 Count: the number of times greater than OK interval.

• OKALL Time Limit: Set the maximum duration between each OKALL signal. Once the time over this setting, it will count 1.



2 Count: the number of times greater than OKALL interval.



D TQC Range: Analyze the average error value.



Program parameter setup

(refer to manual for condition parameters)

		1	Ргодташ	Load/W	<u> Trite :</u>	
			~	1	\sim	
Max C	Count :					
SP :	$L0 \sim$	RC:	0.000	PT :	0.000	
AT:	2.000	OT:	0.000	Offset :	0.00	Nm
LL :	0.000	CT :	10			
RT:	0.000	RR :	0.000	RS :	0.000	
NS :	~	AS :	~			
		DASS	System St	atus :		
HT:	9.99	LT:	0.000	Status :		
HQ :	9.9	LQ :	0.000	Status :		
HC :	9.9	LC :	0.000	Status :		

• Program Load/Write:



- For the "Load" field, please refer to "ROAD"
- For the "Write" field, please refer to <u>"SAVE"</u>

• Max Count:

		1	Ргодташ	Load/¥	<u> Trite</u> :	
			~	1	\sim	
Max C	Count :					
SP :	$L0 \sim$	RC:	0.000	PT :	0.000	
AT:	2.000	OT:	0.000	Offset :	0.00	Nm
LL :	0.000	CT:	10			
RT:	0.000	RR :	0.000	RS :	0.000	
NS :	\sim	AS :	~			
		DASS	System St	atus :		
HT:	9.99	LT:	0.000	Status :		
HQ :	9.9	LQ :	0.000	Status :		
HC :	9.9	LC :	0.000	Status :		

The field indicate program "required total screw numbers"

• Program parameter setup

(refer to Manual for Condition Parameters)

	<u>Program Load/Write</u>										
			~	1	~						
Max C	count :										
SP :	L0 \sim	RC:	0.000	PT:	0.000						
AT:	2.000	OT:	0.000	Offset :	0.00	Nm					
LL :	0.000	CT:	10								
RT:	0.000	RR :	0.000	RS :	0.000						
NS :	\sim	AS :	~								
		DASS	System St	atus :							
HT:	9.99	LT:	0.000	Status :							
HQ :	9.9	LQ :	0.000	Status :							
HC :	9.9	LC :	0.000	Status :							

F Data collection: When the fasten tool is started, the data will be displayed in the Log Bar field at the bottom of the page.

(Fasten data sheet, TQC Trend Setting)

 Fasten data sheet (If you need to hide or display the received data, please refer to <u>"Item selection"</u>).

	Controller Bar 🔺																									
	Contro	ol Program Cor	figuration (Auto Lea	rning):																					
¢	Program : Tool ID :	~	CLEAR EDIT	CONFIR COPY	M DISAB	LE ENAE D SAV	E SE	LECT	QUIT		Edit Setti Lock Setti	ngs ings													⇒	
Received I	Data Display :		Data A	nalysis :						P	togram	Load/₩	rite :													
Received Tin	ne :		Count -		() Scale :	0 ~			1	\sim	1														
Device ID :		NS/AS	Shutoff	Thread >	0.5	Point :	0 ~	Max	Count :																	
Program Uni	it :	DIS/ENA	OK Tim	Limit >	1.0	Count :	(] SP :	LO V	RC:	0.000	PT:	0.000)												
Device Coun	it:		OKALL	Time Limit	» 10.0	Count :	(AT:	2.000	OT :	0.000	Offset :	0.00	Nm												
Sequence ID	:]						LL :	0.000	CT:	10															
Screw Count	t:	INC						RT :	0.000	RR :	0.000	RS :	0.00	D												
Shutoff Time	• C	Sec						NS :	~	AS :	~															
Shutoff Torq	rue :	Nm		QC Range	2				~	DAGG																
Shutoff Thre	ed :		Max T ·	Min	Åvg	+% -	5	HT :	0.00	LT	0 000	Status :														
Shutoff Statu	15 :		0.					HQ :	9.9	LQ:	0.000	Status :														
Device Mode			č.					HC :	9.9	LC :	0.000	Status :														
Device Status	s :																									
Barcode Data	a:		Device 2	tatus Sumn	iary :																					
BarCodeEna	ble 📃 O	FF III	NG	OK	OKALL	NG%																				
												Log E	lar													
Recv.	Recy. Time	Device	Tool Time	Torque	Unit Thre	ad Shutoff	Screw	Count	OK ,	OK AL	L NO) (DK .	OKALL	NG %	Clutch	Scale	Analysis	Max	Min	Average	+%	-%	Barcode		
NO		Count	ID THE			Status	Count	inc/Dec h	nerval	Interve	d Cou	nnt Ci	ount	Count		scale	Index	Count	lorque	lorque	lorque				-	
																										<u>∎</u>
<																									>	
							_		_	_	_	_	-	_	_	_	_					_	_			

 Depress the scroll bar and swipe to the next page to display TQC Trend Setting (Please refer to <u>"Trend Setting"</u> for the TQC setting)

												Cont	oller Bar													A
	Contro	ol Program Con	figuration (Auto Le	arning):																					
	Program :		CLEAR	CONFI	RM DISA	BLE ENA	BLE	RESET	01	117	Edit	Settings														
$\mathbf{\nabla}$	Tool ID :		EDIT	COP	Y LOA	AD SA	VE	SELECT			Lock	. Setting:														
Received I	Data Display	:	Data	alysis							Prog	ram Lo	ad/Write	. :												
Received Tim	me :		Count	-		0 Scale :	0	\sim				~ 1		\sim												
Device ID :		NS/AS	Shutoff	Thread >	0	5 Point :	0	\sim	Max Cou	unt :																
Program Uni	it:	DIS/ENA	OK Tim	e Limit >	1	0 Count:		0	SP : 10	0 V F	RC: 0.0	100 F	T : 0	.000												
Device Coun	ut :		OKALL	Time Lim	iit > 10	0 Count :		0	AT :	2.000 C	0.0 : TC	000 Off	et:	0.00 Nm												
Sequence ID	e -]							LL :	0.000 C	CT :	10														
Screw Count	t:	INC							RT :	0.000 F	RR : 0.0	000 F	S : 0	.000												
Shutoff Time		Sec							NS :	~ 8	s:	\sim														
Shutoff Torg	tos :	Nm	M 1	UC Kan	ge .		~			г	145 System	n Statue														
Shutoff Thre	ed :		T:	Min	Avg	+%	-%		HT:	9.99 L	T: 0.0	00 Stat	05 :													
Shutoff Statu	15 :		0:						HQ:	9.9 L	Q: 0.0	00 Stat	05 :													
Device Mode	BC		c:						HC :	9.9 L	C: 0.0	00 Stat	05 :													
Device Status	s :																									
Barcode Date	8:		Device 2	Status Sun OV	imery :	NOR																				
BarCodeEna	dde 🚺 🕻	OFF IIII	I NO	OL	OLALL	10.040																				
													log Bar	•												
Recv.	Recy. Time	Device	Tool Time	Tomue	Unit The	ead Shutoff	Screv	/ Cou	ut OF	к, о	KALL	NG	OK	OKAI	L NG%	Clutch	h Scale	Analytis	Max	Min	Average	+%	-%	Barcode		
No		Count	ID 100			Status	Cour	nt Inc/D	ec Inter	rval li	nterval	Count	Coun	t Com	t non	Scale	Index	Count	Totdas	Iorque	Totdas			2127040	_	
					_			-																		Đ1
e.																									>	
			-	_			_																			

Page 25 of 46

NOTE:

Touch the red box area and swipe to the next page to display a trend graph.

										Controlle	Dai		 *
	Control	l Program Config	guration (Auto Learn	ing):									
	Program :		CLEAR CONFIRM	DISABLE	ENABLE	RESET	- 0	TUC	Ed it S	ettings			
	Tool ID :	~	EDIT COPY	LOAD	SAVE	SELECT			Lock	ettings			~
Received I	Data Display :		Data Analysis :						Progra	m Load/	<u>rite :</u>		
Received Tin	ne :		Count =	0 Sc	ale : 0	\sim				1	\sim		
Device ID :		NS/AS	Shutoff Thread >	0.5 Po	int: 0	\sim	Max Co	ount :					
Program Unit	t :	DIS/ENA	OK Time Limit >	1.0 Co	unt :	0	SP : 1	LO v F	RC: 0.00	0 PT :	0.000		
Device Coun	d :		OKALL Time Limit >	10.0 Co	unt :	0	AT:	2.000	0.00 : T C	0 Offset :	0.00 Nr	n	
Sequence ID	:						LL :	0.000	CT : 1	0			
Screw Count		INC					RT:	0.000 F	RR : 0.00	0 RS :	0.000		
Shutoff Time	• C	Sec					NS :	~ 1	AS :	1			
Shutoff Torq	ue:	Nm	May Min	kur 196	- 96		- 1	I	DAS System	Status :			
Shutoff Three	ad :	т	:	Avg +70	- 20		HT:	9.99 I	LT: 0.00	Status :			
Shutoff Statu	13 :	Q					HQ :	9.9 I	LQ: 0.00) Status :			
Device Mode	E	С					HC :	9.9 I	LC : 0.00	Status :			
Device Status			Denice Status Summer										
Barcode Data			NG OK (DKALL NG	5								
BarCodeEnal	ble OI	FF											
										•			
						_				Log	Bar		
								D)ata Lo	og Cha	rt		
													<u>^</u>
- Im	20												
													ξ.





NOTE:

Recv. No

Recy. Time

Full description will be displayed when the mouse moves to the setting parameter (**please refer to manual for details**).

Device Tool Tame Tongue Unit Threed Status Count In-Dec Count Info-Dec Count Info

-% Barcode

Example:

When the mouse moves to "SP", "SP: [Slow Start Speed Level]" is displayed.



2. Controller and Job setup page

	Controller Bar *									
Control Program Configuration	(Auto Learning):									
Program : CLEA	CONFIRM DISABLE ENABLE RESET OUIT Edit Settings									
Tool ID : EDIT	COPY LOAD SAVE SELECT LockSettings	7								
Controller Configuration :	Tool Configuration:									
Device Time:	Tool Sn :									
Device Sn:	Gear Ratio:									
Device ID/Type: 1 + /		1								
Operation Mode : ADV ~ Seq.: ~										
Job Status:	I UIQUE FINEI .									
Reverse Mode: Each 🗸										
Batch Mode: Decrease 🗸	All Sequences List:									
Brake Signal: Release 🗸	Program Unit:									
Gate Mode: OFF 🗸										
Torque Unit: N-m 🗸		ļ								
Tool Status:										
L/O Status:										
Device Ver:										
Screwdriver Ver:										
IF:										
	• initial •									
	LogBar									
Recv. Recv. Time Device Tool Time Count ID	e Tongue Unit Thread Shutoff Screw Count Inc/Dec Interval Count OK Count Count Count Count Count Count NG% Clutch Scale Index Count Tongue Tongue +% -% Barcode									
		- E								
		- <u> </u>								
Google Chrome										



EDIT LOAD QUIT

press

NOTE: Refer to instruction manual for device setup conditions.

B Tool Configuration

<u>Tool Confi</u>	guration:
Tool Sn :	
Gear Ratio:	
Cal. Time:	
Torque Filter :	~ ♥

- Tool Sn: Tool's serial number.
- Gear ratio: Based on driver model.
- Cal. Time: Date stamp when driver was las calibrated.
- Torque Filter function: set 0 to disable the filter function, 1-250 to set the numbers of filter time, set & to always enable filter function.

(This setting not supports the BNK TOOL version before VER:2.16)

C All Sequences List

All Sequences List:	
Program Unit:	
1 ~ 2 ~ 3 ~ 4	~
-5 v - 6 v - 7 v - 8	~

- Pick up a program from 1 ~ 99 programs, the program could be set more than once, setting "0" will be ignored and then execute the next unit.
- Tightening cycle will follow the "All Sequences List" below. After finish a cycle, it will be repeated automatically.

To take below case for example, it will be 12345678, 12345678, ...etc.



• Setting All Sequences List:





3. Barcode Manager

Controller Bar *										
Control Program Configuration (Auto Learning): Program: CLEAR CONFIRM DISABLE ENA ToolID: EDIT COPY LOAD SA	ELE RESET QUIT Edit Settings YE SELECT Lock Settings	€								
Barcode Manager :										
Barcole Data Text Data Program	BarCole DAS * Barcole Data Text Data Data Data Data Data Data Data Dat									
Lost	OFF C = 3 ✓ D = 4 ✓ Save E = 5 ✓									
	B									
	• Los Bar									
Recv. Recv. Tume Device Tool Tume Tongue Unit Threed Shebo	t Senew Count OK OKALL NG OK OKALL NG Count Count Ind/Dec Interval Index.	Analysis Max Min Average +% -% Barcode R Const Torque Torque +% -% Barcode R								
¢		,								

A Set / Read Barcode data to / from MY-TR

	BarCode Controller		*
Barcode Data	Text Data	Program	
0		=	\sim
		=	\sim
Load		=	~
		=	\sim
Save		=	\sim

NOTE: Refer to the "BARCODE LEARNING" in MY-TR User Manual.

B Turn ON / OFF DAS's Barcode function

	BarCode DAS		*
Barcode Data	Text Data	Program	
0		=	~
		=	~
OF		-	~
		=	\sim
Save		=	~

Only when the specific barcode data hasn't been stored in MY-TR will be applied to DAS's barcode function.

The procedure to set DAS's barcode data.

<u>Step 1:</u> Turn ON DAS's barcode function.

Step 2: Scan the barcode.

NOTE: The data will be shown on the "Barcode Data".

Step 3: You could input whole or partial barcode data in one of the "Text Data" and then assign this data to which Program No.

Step 4: Press

SAVE

NOTE: A and B couldn't be used at the same time.

4. Report and trend graph setup page

		Controller Bar *																									
				Control	Program C	Configur	ation ()	uto Learn	<u>ing):</u>																		
Total Dir COTY Lot 2010 Extra Cont Lot 2010 Bir Cont Dis Cont Dis Cont Dis Cont Dis Cont Bir Cont Dis Cont Dis Cont Dis Cont Dis Cont Bir Cont Dis Cont Dis Cont Dis Cont Dis Cont Bir Cont Dis Cont Dis Cont Dis Cont Dis Cont Bir Cont Dis Cont Dis Cont Dis Cont Dis Cont Bir Cont Dis Cont Dis Cont Dis Cont Dis Cont Bir Cont Dis Cont Dis Cont Dis Cont Dis Cont Dis Cont Bir Cont Dis Con			Pro	ogram :		C	LEAR	CONFIRM	DISABLE	ENABLE	RESET	OUUT	E	dit Settings													
		$\mathbf{\Sigma}$	То	ol ID :	~		EDIT	COPY	LOAD	SAVE	SELECT	2011	Lo	ock Settings												7	
Rev. Rev. Time Device Tongue Unit Threed Stabutoff Scaw Count NG % Clutch Scale Analysis Max Min Average +% -% Barcode No Rev. Time ID Time Tongue Unit Threed Stabutoff Count Count NG % Clutch Scale Index Tongue Iog -% Barcode	B	Rece Hint D I I I Tren Tim	ived Data Data Save e ata Log instant Save d Settin e	ta List c) chan File Liss ss control file	Aart search •	Clea	r		Data Se		*	Item	B selection	• mini- La	g Bar			¥]								
		Recv. No	Re	cv. Time	Devis Cou	ce Tool nt ID	Time	Torque Un	nit Thread	Shutoff Sc. Status Co	unt Inc/Dec	OK Interval	OKALL Interval	NG Count	OK Count	OKALL Count	NG %	Clutch Sc Scale Ind	de Analys ex Coun	is Max t Torque	Min Torque	Average Torque	+%	-%	Barcode		
c																											⊕ 1
		<																								>	
	ľ																										

A Received Data List						
<u>Received Data List :</u>						
Data Chart Clear						
There are two types of display data Data Chart . If you need to						
clear it, press the Clear button to clear all the data immediately.						
B Historical Data File List						
Historical Data File List : Save as Search						
Excel export: When swiping the Controller Bar to page 4,						
press Save as to export the Excel report to the specified location.						
Excel import: When swiping the Controller Bar to page 4,						
press Search and then click the Excel file to import it.						
Page 34 of 46						



<mark>∠Data Log</mark> :							
Instant Save							
🔿 Auto Save	60	sec 🗸					

- ➤ Data Log: When Data Log: is checked, there are two ways to automatically export Excel reports (instant archive, automatic archive).
 - When Instant Save is selected, any data fastened will be automatically exported to the bottom of Excel. When the system passes the integral time point, the form will be cleared to ensure sufficient memory space.
 - When (Auto Save is selected, the data will be recorded in "seconds" as set in ⁶⁰ and the report will be exported below Excel.

D Trend Setting: Time, Torque, Thread

Select one of the Time, Torque, and Thread from the pull-down menu.

It will show the graphic trend chart. (Refer to "TQC Trend Setting")

<u>Trend Setting :</u>	
Time	-

Time	•
Time	
Torque	
Thread	

NOTE: When changing the "Trend Setting"(T/Q/C) setting, the screen of the chart will be clear and then display again after finished a new tighten.

B

Record selection: Checked items will affect the data recorded in the form. When REV selection is cancelled, the inverted data will no longer be received.



G

Item selection: The selected items will affect the data recorded in the form. When the item is checked, the display data will be displayed; otherwise, it will not be displayed.

	Item selection				
	All Checked/Cance	1			
5	Recv.No	Recv.Time	🗹 Device Count	🗹 Tool ID	🔽 Time
	Torque	🔽 Unit	🗹 Thread	🗹 Shutoff Status	🗹 Screw Count
	Count Inc/Dec	OK Interval	GKALL Interval	🔽 NG Count	🗹 OK Count
	OKALL Count	✓ NG Percentage	🗹 Clutch Scale	🗹 Scale Index	🗹 Analysis Count
	🖉 Max Torque	Min Torque	🗹 Average Torque	🔽 UpPercentage	🔽 LowPercentage
	BarcodeDatas	RawData	🗹 ProgramUnit	🖂 Torque Filter	

[Example]

If you only want to display the "received serial number", "torque", and "increase/decrease" from the tool, check "Receive Serial Number", "Torque", "increment/decrease" in "Record selection.

Controller Ber 🖈						
Control Program Configuration (A	Auto Learning);					
Program : CLEAR	CONFIRM DISABLE ENABLE RESET Edit Settings					
EDIT	COPY LOAD SAYE SELECT QUIT Lock Settings	→				
Received Data List : Data chart Clear Historical Data File List : Save as Search Pata Log : (a) Instant Save Auto Save (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	Data Selection * All Checked/Cancel * All Checked/Cancel Torque Torque Uait Torque Uait Count IncDec OKALL Interval OKALL Count OKALL Interval OKALL Count OKALL Interval Max Torque Main Torque BarcodeData: RewData					
Tog Bar						
Rev. Tongue Count N/A						

Page 36 of 46

5. Instant data display

Controller Bar 🔹				
Control Program Configuration (Auto Learning): Program: Tool ID: CLEAR CONTRM DISABI	LE ENABLE RESET QUIT Edit Settings	⇒		
Shutoff Status	Torque Screw of Count			
Null	0.0 0 of 0			
Program of Unit	Thread Time			
1	U U Sec			
1	Barcode			

	Log Bar			
Recv. Recv. Time Device Tool Time Torque Unit Three	al Shutuff Screw Count OK OKALL NG OK OKALL NG Chuth Scale Analysis Max Min Avenage +% -% Shutus Count Inc/Dec Interval Interval Count Count Count Count NG% Scale Index Count Torque Torque Torque +% -%	Barcode		
		<u> </u>		

- Shutoff Status: Display current complete status of fasten process.
- > Program of Unit: Indicate the current Program of the Unit.
- > Torque: Display fastening torque.
- > Thread: Display the number of turning screwdriver.
- Screw of Count: Display the number of current screw count status.
- > Time: Display screw fastening time.
- > Barcode: Display current Barcode data.

6 Remote Screen



The screen image by remote monitoring.

NOTE: Please contact with local distributors for the detail information.

iemote	
ج	
Host Name	
IP Address	
SubnetMask	
Gateway Remote Start	
DNS1	
DNS2	

MYTORQ7 System Function Setup

Switch to Settings page to operate system functions.

	Settings	
*	Ver:	
0	Language :	English
4	StyleManager :	Office2010Blac -
\$	Initialwindow :	Normal
0	Backcolor :	
	Auto Connect :	OFF
	Output format :	.CSV 🔹



6. Output format: Different formats for record storage can be select.

MYTORQ (8) Info Company Website

Switch to **()** Info page to browse **MYTORQ** official website.

Ξ	Info									
-	Ionity									
							Browner Bar *			
\bigcirc		4	1	>	1	C	https://www.mytorgtooli.com/default.spx			
-					_					
r*1										
6										
_										
\$										
•										
							TOPO			
							M TORO			
	ANLIDAR INDUSTRIAL CO.,LTD.									
	https://www.mvtorqtools.com/default.aspx									

MYTORQ (9) Example Description

NOTE:

- 1. 1 Unit (Unit No.1 ~ No. 8) = Program
- 2. 1 Program (Program No.1 ~ No. 99) : 99 programs could be set
- 3. Tool: always Tool1

When screws are fastened on 3 sides of a product, the condition is as follows:



Job

Unit	Program	Tool1		
First Side	Program 1= Maximum count value: 4, HQ: 15	Tool 1		
(Unit1)	kgf.cm, LQ: 1 kgf.cm			
Second Side	Program 2= Maximum count value : 3, HQ: 20	Teel 1		
(Unit2)	kgf.cm, LQ: 5 kgf.cm	1001 1		
Third Side	Program 3= Maximum count value : 2, HQ: 18	Testa		
(Unit3)	kgf.cm, LQ: 3 kgf.cm	1001 1		

Step 1: Set the Unit 1 ~ Unit 3 condition (refer to <u>"SAVE"</u> for setting up the parameter condition)

1. Set to Unit 1 when the first side is fastened

Program5 condition = maximum count as 4, maximum fastening torque (HQ) 15 kgf.cm, minimum fastening torque (LQ) 1 kgf.cm, and tool 1.

2. Set to Unit 2 when the second side is fastened

Program8 condition = maximum count as 3, maximum fastening torque (HQ) 20 kgf.cm, minimum fastening torque (LQ) 5 kgf.cm, and tool 1.

3. Set to Unit 3 when the third side is locked

Program10 condition = maximum count as 2, maximum fastening torque (HQ) 18 kgf.cm, minimum fastening torque (LQ) 3 kgf.cm, and tool 1.

- 4. After complete setting parameters, press **QUIT** to save data.
- Press to enter the "Controller and Job setup page".

Set condition parameter steps (Program 5
 Program 8
 Program 10

 settings are the same):

2				4			6	
Control Pro	ogram Confi	guration ()	Auto Learni	<u>ng):</u>				_
Program :		CLEAR	CONFIRM	DISABLE	ENABLE	RESET	OUIT	Edit Settings
Tool ID :	~	EDIT	СОРУ	LOAD	SAVE	SELECT		Lock Settings
	1							
	3			Prog	ram Load	/Write :		
				1	$\sim -l$	$1 \sim$		
		Max Co	ount :					
		SP : [L0 🗸 H					
		AT: [2.000	D.T : TC	000 Offset	t: 0.00	Nm	
		LL :	0.000	CT :	10			
		RT:	0.000 1	RR : 0.0	000 RS	: 0.000]	
		NS : [\sim	AS :	\sim			
			I	DAS System	n Status :			
		HT : [9.990 I	LT: 0.0	00 Status	:		
		HQ :	9.9 I	.Q: 0.0	100 Status	:		
		HC :	9.9 I	LC : 0.0	100 Status	:		

MYTORQ

<u>Step 2:</u>

	TINT		OA TE		QUIT
Press	EDIT	to modify the program Unit. Press	SAVE	to then	
to store	e the para	ameters.			

4 3 Control Program Configuration (Auto Learning): CLEAR CONFIRM DISABLE ENABLE RESET Edit Settings Program : QUIT Lock Settings COPY SELECT EDIT LOAD SAVE v Tool ID : 1

<u>All Sequences List:</u> 2						
Program Unit:						

MYTORQ 10 Statement

Reminder again, please follow the relevant regulations and the international practice of the Internet. Never do anything illegal or harm to the company in any illegal way. You may not use this service to engage in violations of other's rights or illegal activities: Please acknowledge you have ownership for all your photos and texts. Do not post or transmit any files that are defamatory, insulting, threatening, offensive, indecent, defamatory, false, in violation of public order or good customs or other unlawful words, pictures or files in any form, nor infringe on the reputation or privacy of others, business secrets, trademarks, copyrights, patents, other intellectual property rights and other rights, and other acts that are deemed improper.