Package System CISAS/EX Ver.2.



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	2.3	LESUUU	1			6
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	5.2 5.3	•				1 7 1 8
	5.4	Trend		 	 	
	5.5	Historical Tr	end	 	 	
	5.6	Group		 		
	5.7	Tuning				2 6
	5.8	_				2 '
	5.9	Summary				
	5.10 5.11					2.0
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	5.14			 		3 6
	5.15	Batch		 	 	3 7
	5.16			 	 	3 8
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	5.20					4 1
		Batch		 		4 2
	5.22					4 3
	5.23			 	 	4 4
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	5.26			 	 	4 7

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8			
	8.1		5 9
	8.2	Trend	6 0
	8.3		6 1
	8.4		6 2
			-

1

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CISAS/EX Ver. 2.0 (CISAS
                                                                                 , Scanner ,
                                                 P L C (Programable Logic Controller)
FΚ
                           (PC)
                                                                    Logging ·
                                                         , Scanner , FK
SCR
              99
                       PLC 1
                                                 4 0 0
                                 (
                                                          )
                        1000
                 가
                                       , 60
                                                               System
 (1)
  System
                                   System
                                                                               Total Cost
                                                                           가
         .CISAS
                           Software
                   System
                                                                  .System
                                             가
                                                                                         가
 (2)
                                                          PLC가
                                                                       가
                      ,FK
                                             ,SCR
               : 250mm Hybrid
                                    LE1000 Series
                250mm Intelligent
                                       LE2000 Series
                180mm,100mm Hybrid
                                           KH,KL Series
                180mm,100mm Hybrid
                                           AH, AL Series
                Intelligent DATA
                                        LE3000(LE7000)Series
                             BR1000
SCANNER:
                SE1000/SE2000/SE3000
Flexible System: FK Series
                : DP,KP Series
                : DB,DZ Series,LT200,LT300,LT400 Series
                : DI1000 Series
Thyristor(SCR)
                : JU Series
P L
             C :
                               A,Q Series
                           C,CV,CQM1 Series
                             KZ-A500 Series
                              F Series
                  Flexible System FK Logging Server
 (3)
                                                                             .PLC, Personal
                        CHINO
   Computer
                                       System
                                                                       System
```

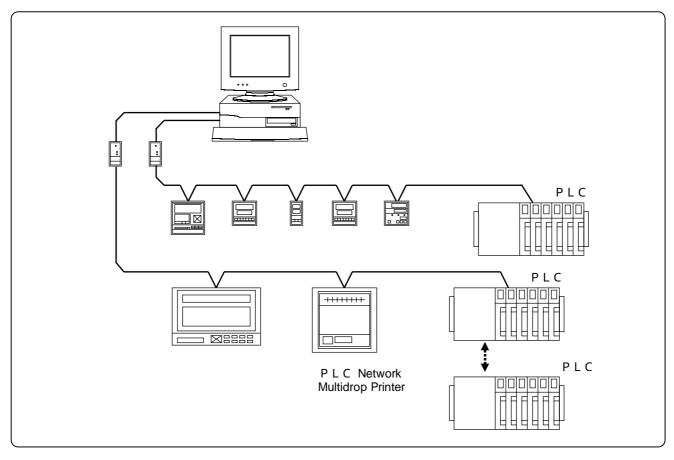
- 1 -

System

가

(4)

CISAS 가 PLC , CISAS , CISAS PLC 1 (line) 1 (4) PLC CISAS 가 .



(5)

CISAS Man-machine 가 ,

• ,

(6)

가 가 . ,

CISAS Windows , , , , 가

 $\overline{\mathbf{W}}$

Multitask .CISAS .CPU , Application CPU, 가 가 . 16bits Application, MS-DOS Application Application Multitask

가

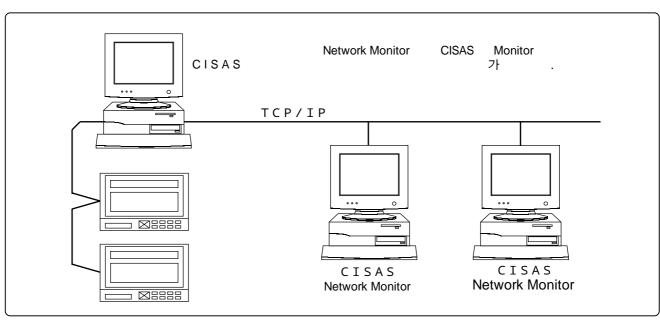
(7)
Touch Key Human
, 가 .

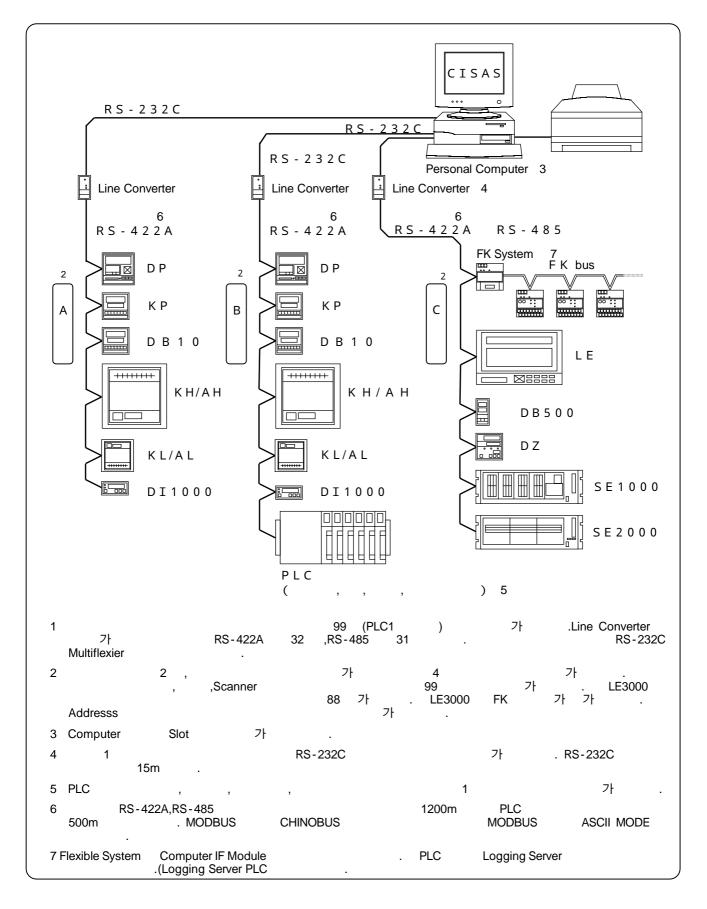
(8)
DDE(Dynamic Data Exchange)
가 .
CISAS

(9)

(10)

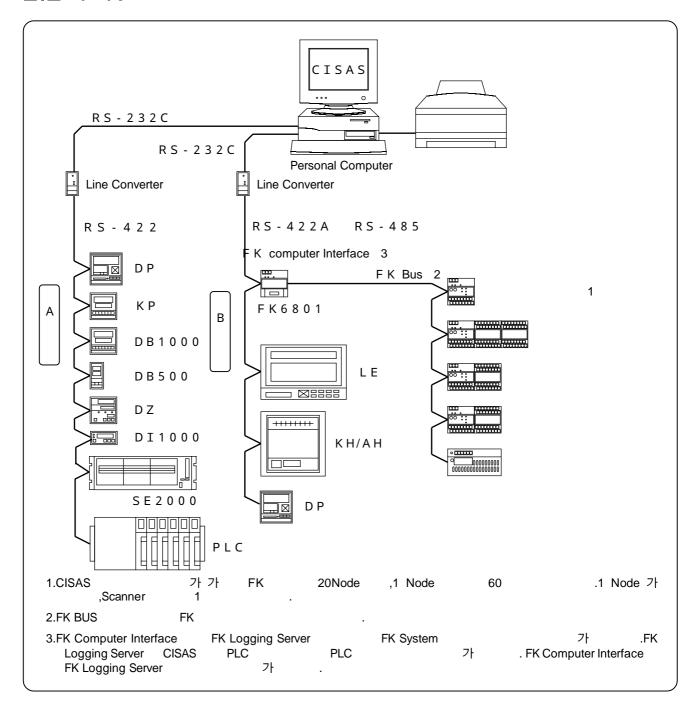
Windows ,



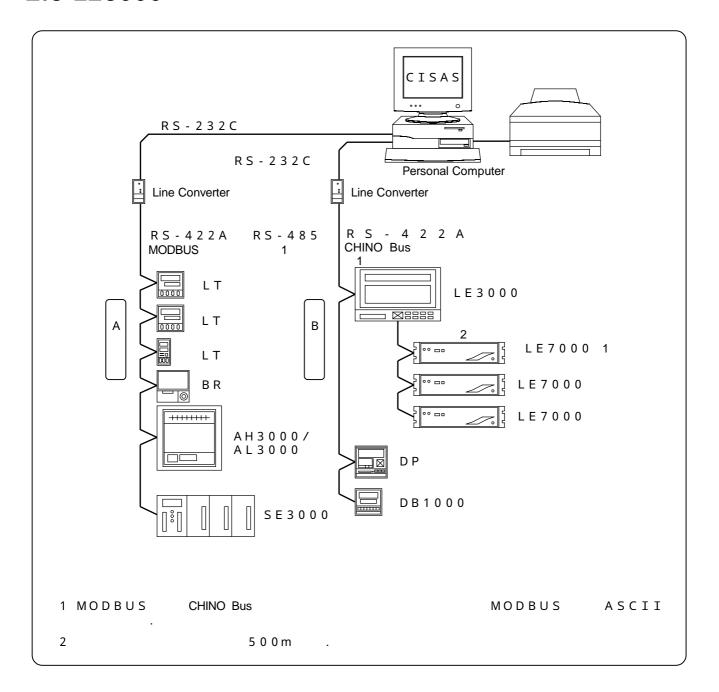


PLC
PLC RS-4Module RS-485 4
CHINO 가 . RS-422A
Interface

2.2 F K



2.3 LE3000



3.1

CISAS/EX 가 1000

PS2103-	S N	5 0
PS2103-	1 N	1 0 0
PS2103-	2 N	200
PS2103-	3 N	3 0 0
PS2103-	5 N	5 0 0
PS2103-	7 N	7 0 0
PS2103-	0 N	1000
	ν.	1 •

J: E:

3.2

Tand Timing Timing Tand Timing Tand Timing Tand Timing Timi
. , 24 CPU Pentium 200MH カ カ CPU OS WindowsNT4.0(Workstation ver5) Windows2000 (Professional ver1) 64MB CD-ROM 3.5 1.44MB カナ1 500MB (,
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Windows2000 (Professional ver1) 64MB CD-ROM 3.5 1.44MB アナ1 . 500MB (, アナ) アナ アナ
CD-ROM 3.5 1.44MB 가 1
가 1
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Trond Tuning
Trend , Tuning , , , , , , , , , 2 G B .
PCI (174.63×106.68mm) 1 (2)
800×600 ,WindowsNT4.0/Windows200
0 .
WindowsNT4.0/Windows2000 .
·

```
Modbus
                                RTU
                                     ASCII
  2
        가
R T U Binary (2 (
                        , A S C I I
                 )
                                     ASCII
RTU ASCII
                        1/2
가
   R T U Binary
                  ASCII
   (
          LE,KP,DB
                  ASCII
                                      )
                   ASCII
          가
                     가
    가
```

		_	1	_
	LE1000,	,	Chino	가 15
	LE2000		Bus	, 16 99
	ΑH		1	
	LE3000	,	Chino	1. L E 3 0 0 0 1
		,	Bus	가 .
				2. L E 3 0 0 0
				1 11
				3. L E 3 O O O F K
				가.
	KH,KL		Chino	KH,KL
	A L		Bus	가
	AH3000,		Dae	가 15 ,16
	A L 3 0 0 0		MODBUS	9 9
	NESO O		WODDOO	
	S E 1 0 0 0		Chino	·
			Bus	
	S E 2 0 0 0		Chino	
	322000	,	Bus	
	S E 3 0 0 0		200	
	323000		MODBUS	
FK	FK	()1	Chino	FK ,
		6.0	Bus	, 1 가 1
			Dus	
	DI1000	•	Chino	•
			bus	
SCR	JU		Duo	
SUR	50		MODBUS	
			INIODEO2	

DP,KP	, ,	, Chino Bus	1 (line)
	PID		가
	, , NC) ,	R S - 4
	NO ,	,	22A 32 , RS
			- 4 8 5 3 1
	DP,KP		
			,
	, , ,		Multiflex
	PID		
DB1000,	, ,	,	
DB500,	PID		
DZ1000,			
DZ2000			
LT200,			
300,400		MODBUS	

 \cdot P L C 1 .

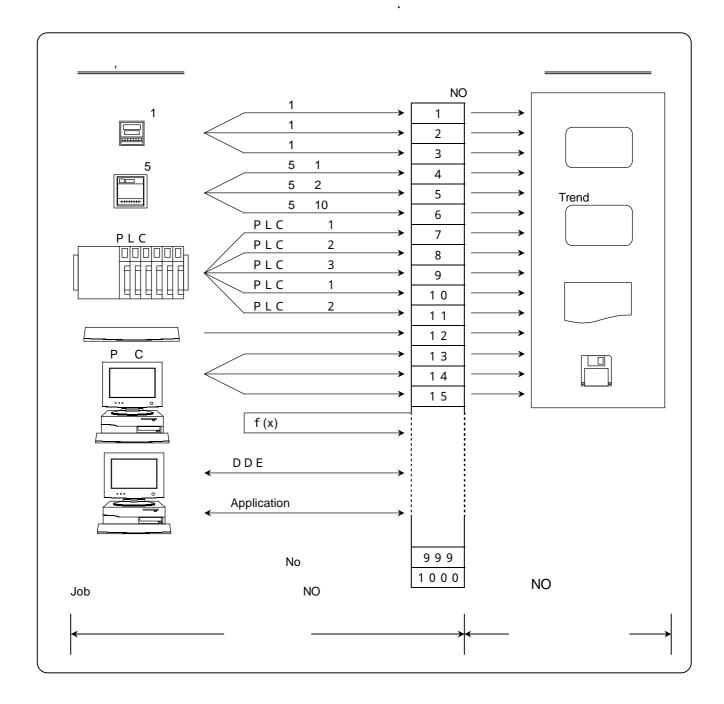
	A , Q		(),		()
		PLC		PLC	2		0000
	C , C V , C Q M 1	0062			,	0064	1063
	KZ-A500	()			가		•
	F						
CHINO	Logging Server		()	8		1 0 0
			()	8		2 4
			()	8	100
			()	8	100

1

MODBUS	R T U 19200bps	
	AH3000(24)	0.4
	AL3000(6)	0.2
	BR(6)	0.5
	SE3000(48)	1.2
	LT200,300,400	0.15
SCR	JU	0.3
MODBUS	ASCII 9600bps	
	AH3000(24)	1
	AL3000(6)	0.4
	BR(6)	0.8
	SE3000(48)	2
	LT200,300,400	0.5
SCR	JU	
CHINO Bus	() 9600bps	
	LE1000,LE2000,	1
	LE3000(LE7000)	
	KH, KL	1
	KH, KL	0.5
	AH, AL	1 0
	AH, AL	2
	S E 1 0 0 0 / S E 2 0 0 0	0.5 2
	1 6	0.5
	1 6	1
	(Alarm)	1
FK	1 6	1 5
	(Alarm 2)	1 . 5
	1 6	2 2
	(Alarm 4)	2.2
	DP, KP, DB1000, DB500	1
	DZ1000, DZ2000, DZ3000	0.5
	DI1000	0.2

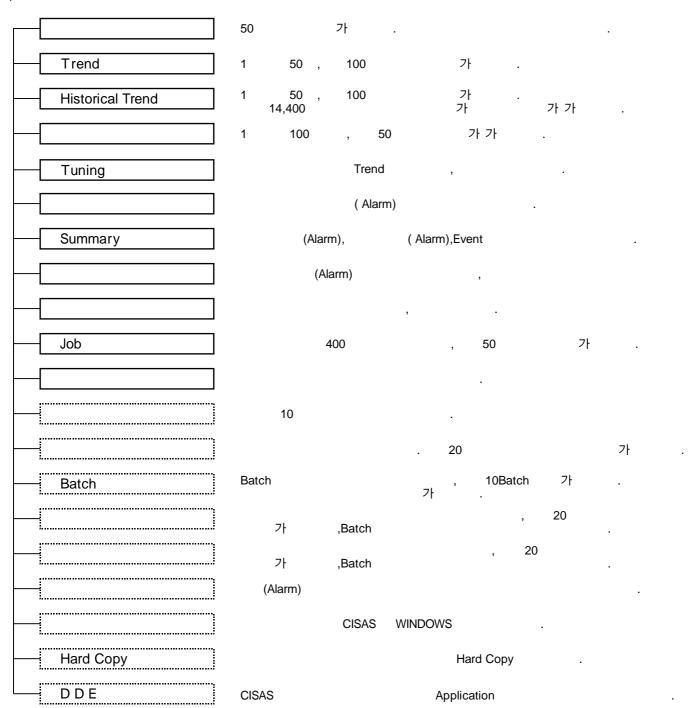
A , Q C , C V , C Q M $\mathsf{1}$ 0.5 $P\ L\ C$ KZ-A500 0 F F K Logging Server (line) L E 1 0 0 0 5 : 가 5 . ΚP 10 가 10 , PLC1 , P L C $\mathsf{P}\;\mathsf{L}\;\mathsf{C}$ \times P L C , P L C + P L C 가 PLC 4 4 1 PLC 3 PLC 2 PLC

Гаg No.:Tag No,(8)	가	
:	10 (20)	가
:	3 (6)	가 .
			CISAS
	(,)	(0,1) CISAS	
		1	
		1	
		1	
		. 1	()
		1	()
		1 1	
		CISAS AVE(), LOG(, , M A X (),) 가
		CISAS .	,
			CISAS
			CISAS
	D D E	DDE	CISAS
		ISAS .	, C
			CISAS
			, , , , F) CISAS



4

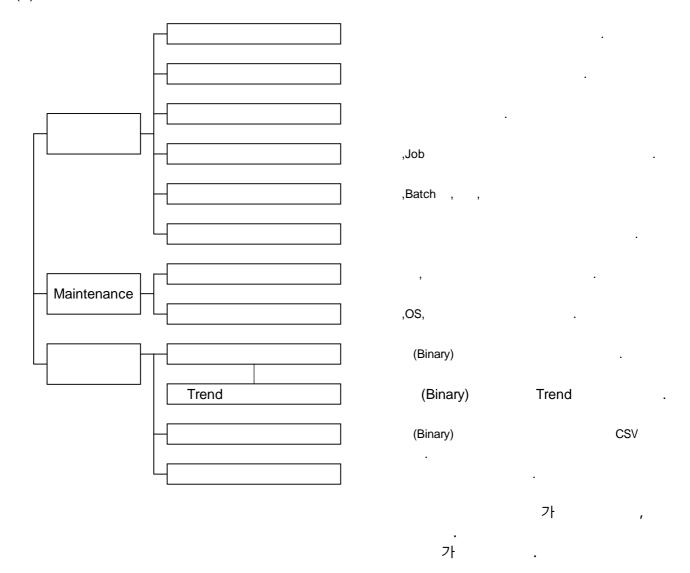
(1)



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(2)



- 15 -

5.1

. Maintenance

가 .



CISAS 5 0304 가 1 6 2 1 MS製式解制量データ 2888/82/03 18:27:00 No. | Tec.TIC-PV Data 67.5 TO -- 14 7: 110.76 連続焼成炉監視画面 * 10 10 **理** 口 教林里 洗净里 原料倉庫 分析室 事務室 20.5°c 20.9*Fee 19.3°C 36.8spe 17.4°C 54,1884 10 54.3×64 乾燥室 23.9°С 37.5 жин 生產台数 780 (K 主席目標 生産合物 591 /R 1 Lat-H 定期制中 가 가

, 50 가 .CISAS .

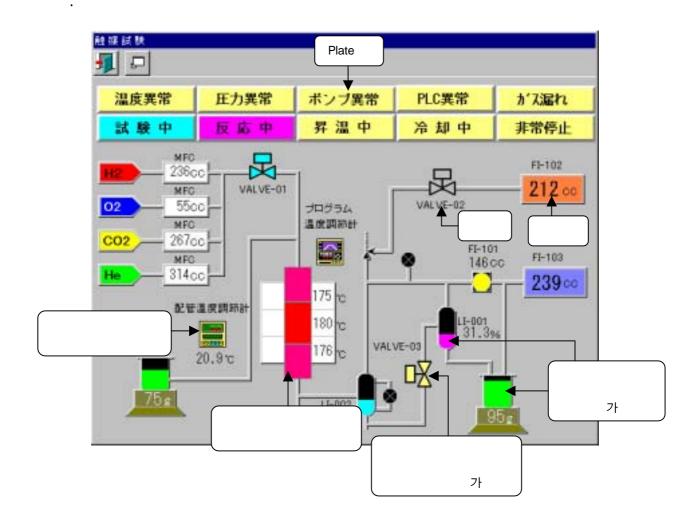
	グラフィック ABCDEFGHIJK CISAS	. , 가 . , , 가 .	
	56. 0 OFF	, 가. , 가.	•
		. , , 가 .	가
	UX <u>©</u>	ICO . ON ,OFF 가 .	
			가
,		, . , 가 .	
	7/10/10 SECTION SECTIO	BMP . ON,OFF 가 .	
	100 73 30 23 23 0	2 0	
	0 60		
		360 .	

		, 가가 .
LED		LED .
		1 / 0 . 가 .
	ON	. 가.
	55	. P L C 가 .
	プレート	, , , , , , , , , , , , , , , , , , ,
		(DP,KP ,DB,DZ)가 .
	1 • 4	. 가.
		가 .

Windo

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ws () , , ,

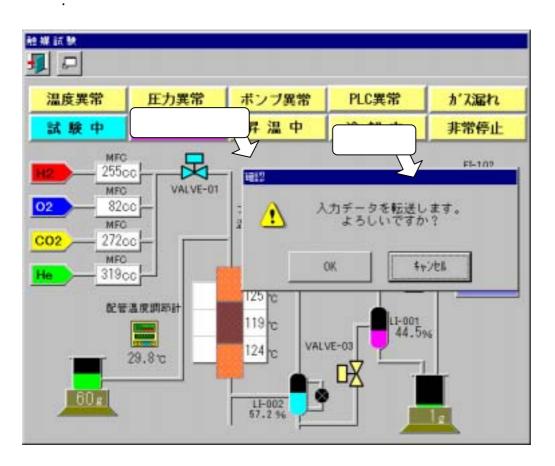


P,KP) RUN,RESET , (DB,DZ,LT) 가 .

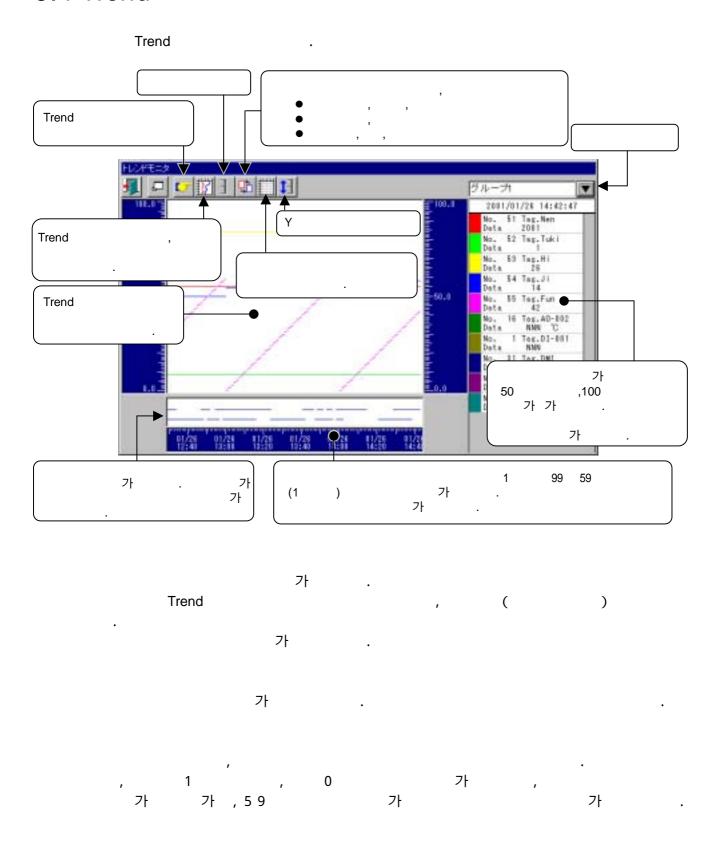


- 20 -

, (ON/OFF) 가 . , 가 , 가 가 가 가 가 가 . , 가 . , 가 PLC . 가 . 가

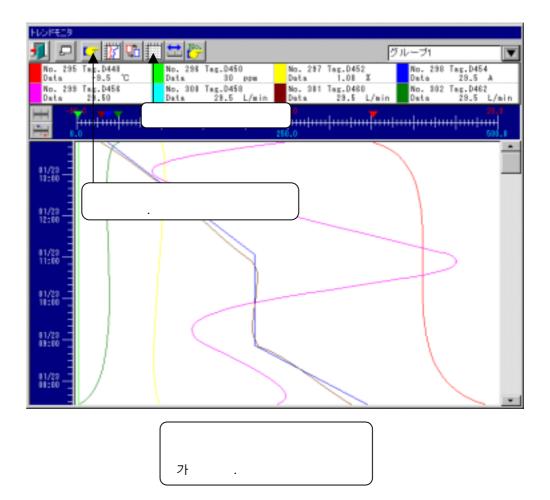


5.4 Trend





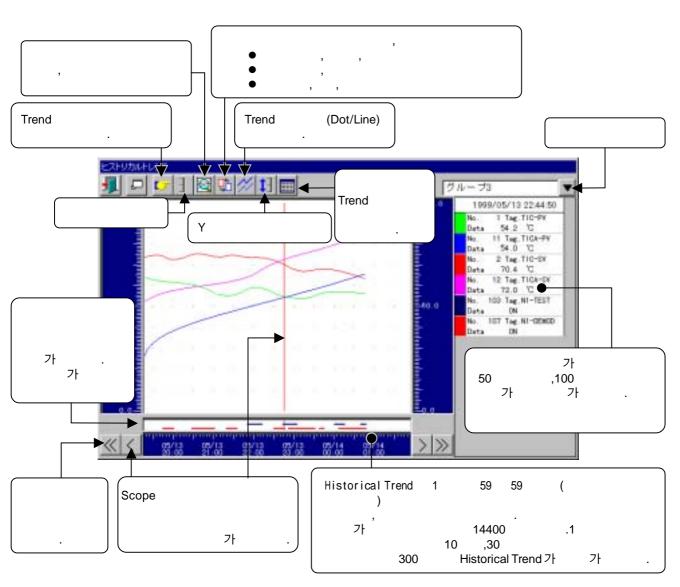


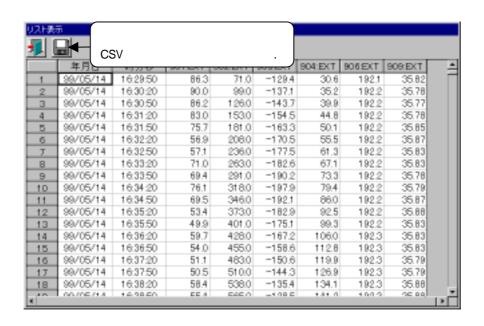


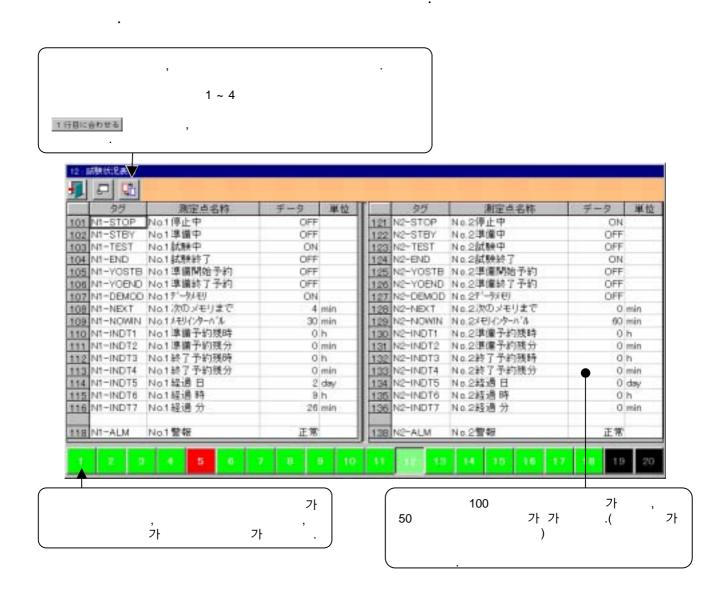
- 23 -

5.5 Historical Trend

Trend .







実行 キャンセル

実行

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, 가 .

가 가 , 가 .

Windows, Excel Microsoft .

CISAS /EX Ver.2.0

2002 3 1 1

CHINO

KOREA CHINO CORPOATION