

HMI's

- Performance
- Essential
- 4", 7", 10"
- Ethernet



Selection Guide – HMI's

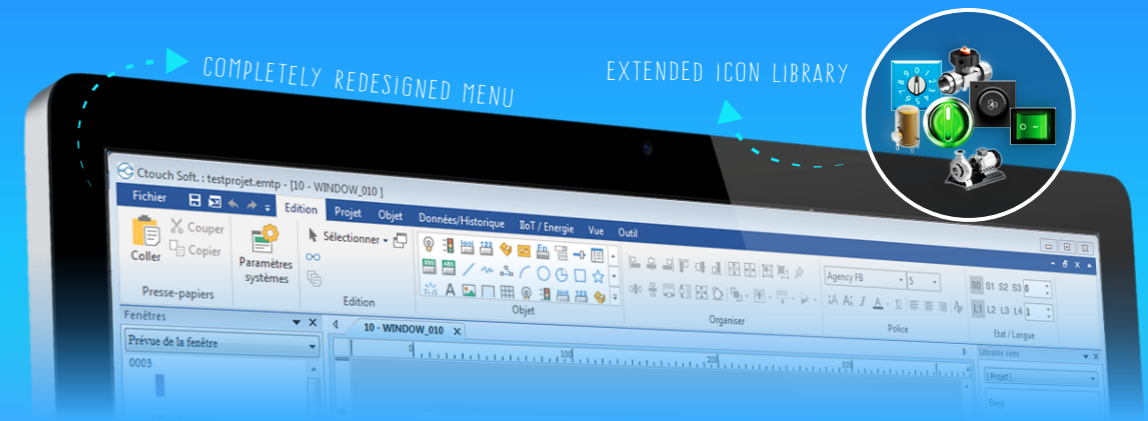
	Essential		Performance		
	CT104	CT107	CPT104N-E	CPT107-E	CPT110N-E
Size	4,3"	7"	4,3"	7"	10,1"
Resolution	480 x 272	800 x 480	480 x 272	800 x 480	1024 x 600
Brightness	400 cd/m ²	300 cd/m ²	400 cd/m ²	400 cd/m ²	350 cd/m ²
Processor	A8 - 600 MHz	A8 - 600 MHz	A8 - 600 MHz	A8 - 600 MHz	A8 - GHz
Storage memory	128 MByte	128 MByte	128 MByte	128 MByte	4 GByte
RAM memory	128 MByte	128 MByte	128 MByte	128 MByte	1 GByte
USB	Host USB 2.0	Host USB 2.0	Host USB 2.0	Host USB 2.0	Host USB 2.0
Ethernet	1 RJ45,10/100Mbit/s	1 RJ45,10/100Mbit/s	1 RJ45,10/100Mbit/s	1 RJ45,10/100Mbit/s	2 RJ45,10/100Mbit/s
RS 232	COM 1	COM 1	COM 1	COM 1	COM 1 / COM 3
RS 485	COM 1 / COM 3	COM 2	COM 1	COM 1	COM 2 / COM 3
CAN	N/A	N/A	N/A	N/A	CAN Open

CRUZET Touch Soft

CRUZET TOUCH SOFT

NEW UPGRADE!

Get the newest version of **Crouzet Touch Soft** for free and play around with our most intuitive and well designed user interface yet



IMAGINE AND CONCEIVE YOUR PROJECT IN AN EASY WAY

- Manage all your HMI project from Crouzet Touch Utility Manager
- A wide range of tools to help you develop the perfect project
- Dedicated communication drivers for em4 and Millenium 3 allowing simple addressing and label management
- Import existing MTP HMI programmes into the new Crouzet Touch Soft
- It's available in english, french, italian, german, spanish



KEY FEATURES

FUNCTION BAR

- > With simple icons

ORGANISE YOUR PROJECT

- > Tree and display all object names

CUSTOMISE YOUR APPLICATION

- > Create your own library and import pictures

ENHANCED SECURITY

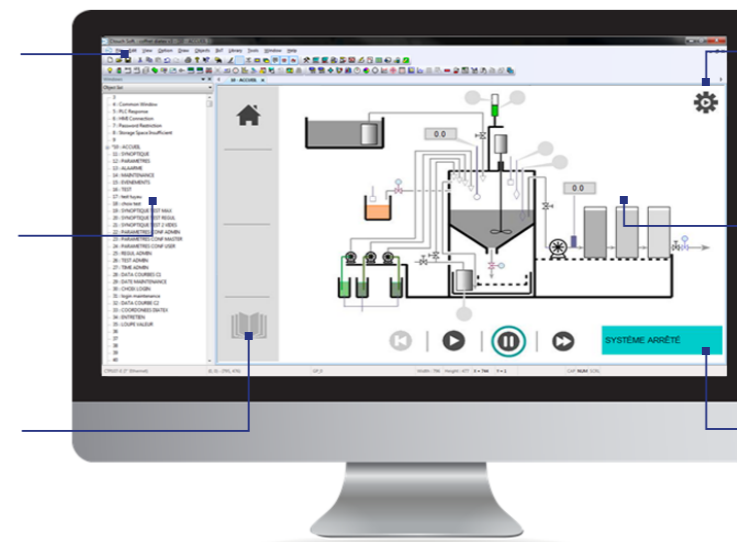
- > By creating access levels for users

CREATE AND DESIGN

- > Main window makes it easy to create any functional object

LABEL TAG

- > Allows use of up to 8 different languages



ASSOCIATED FEATURES



EMAIL & CSV
Send e-mails with datalog files (csv) from a data sampling and when an event is triggered



ENHANCED SECURITY
Enhanced security mode to manage users and classes easily with dedicated system pages



EASY DIAGNOSER
Analysing and diagnosing communication between HMI and PLC



PASS THROUGH
Allows connection of the PLC to the HMI allowing debugging of the system



RECIPE IMPORT / EXPORT
Creating and managing recipes is much easier using the «recipe view» object and system registers available in Crouzet Touch software



COMBO BUTTON
Execute multiple commands with one button



EASY SIMULATOR
Allows online / offline simulation of your HMI application









VNC
Allows network connection to the HMI via VNC client on PC or mobile phone

Selection Guide – HMI's





Crouzet's HMI's

Crouzet HMI's are perfectly suited to be used with the whole range of Crouzet's Automation Controllers, thanks to the several ways of communication, and the pre-configured communication drivers that simplify the configuration.

PERFORMANCE

Size	Type	Supply	Resolution	ROM	RAM
 4 inch HMI	Touch Screen HMI only	24 VDC	480x272	128 Mbyte	128 Mbyte
 4 inch Kits	Cable Kit HMI + Cable for Controller Millenium3				
	Starter Kit (+Logic Controller M3) HMI + Controller Millenium3 XD10R + Cable				
	Starter Kit (+Logic Controller MEVO) HMI + Controller Millenium EVO XDP24-E + Cable				
 7 inch HMI	Touch Screen HMI Only	24 VDC	800x480	128 Mbyte	128 Mbyte
 7 inch Kits	Cable Kit HMI + Cable for Controller Millenium3				
	Starter Kit (+Logic Controller M3) HMI + Controller Millenium3 XD26R + Cable				
	Starter Kit (+Logic Controller MEVO) HMI + Controller Millenium EVO XDP24-E + Cable				
	Starter Kit (+Nano-PLC em4) HMI + Controller em4 Ethernet + Cable				
 10.1 inch HMI	Touch Screen HMI Only	24 VDC	1024x600	4 Gbyte	1 Gbyte
 10.1 inch Kits	Cable Kit HMI + Cable for Controller Millenium3				
	Starter Kit (+Nano-PLC em4) HMI + Controller em4 Ethernet + Cable				

ESSENTIAL

Size	Type	Supply	Resolution	ROM	RAM
 4 inch HMI	Touch Screen HMI only	24 VDC	480x272	128 Mbyte	128 Mbyte
 4 inch Kit	Cable Kit HMI + Cable for Controller Millenium3				
 7 inch HMI	Touch Screen HMI only	24 VDC	800x480	128 Mbyte	128 Mbyte
 7 inch Kit	Cable Kit HMI + Cable for Controller Millenium3				

HMI Features












- Easy to use graphic software pre-configured communication drivers
- Many Options: 4.3", 7" and 10", Essential and Performance versions
- Several ways of communication: Ethernet, Modbus, SLin/SLout

Communication	CAN Bus	Designation	Part Number
<ul style="list-style-type: none"> · 1 x Port Ethernet · 1 x Port COM1 RS232 · 1 x Port COM2 RS485 	-	CTP104N-E	88 970 554N
		CTP104N -E Cable Kit	88 970 553
		CTP104N -E Starter Kit	88 970 555
		CTP104N -E Starter Kit	88 970 558
<ul style="list-style-type: none"> · 1 x Port Ethernet · 1 x Port COM1 RS232 · 1 x Port COM2 RS485 	-	CTP107 -E	88 970 564
		CTP107 -E Cable Kit	88 970 563
		CTP107 -E Starter Kit	88 970 566
		CTP107 -E Kit	88 970 568
		CTP107 -E Starter Kit	88 970 567
<ul style="list-style-type: none"> · 2 x Ports Ethernet · 1 x Port COM1 RS232 · 1 x Port COM2 RS485 · 1 x Port COM3 RS232 or RS485 	CAN Open Protocol	CTP110N -E	88 970 584
		CTP110N -E Cable Kit	88 970 573
		CTP110N -E Kit	88 970 577

Communication	CAN Bus	Designation	Part Number
<ul style="list-style-type: none"> · 1 x Port COM1 RS232 or RS485 · 1 x Port COM3 RS485 · 1 x Port Ethernet 	-	CT104	88 970 524
		CT104 Cable Kit	88 970 523
<ul style="list-style-type: none"> · 1 x Port COM1 RS232 or RS485 · 1 x Port COM3 RS485 	-	CT107	88 970 534
		CT107 Cable Kit	88 970 533

Selection Guide – HMI's

Connect an HMI with the controller: **Cables and Expansions/Interfaces Needed**

HMI's	ACCESSORIES FOR CONNECTION VIA MODBUS (RTU)		ACCESSORIES FOR CONNECTION VIA ETHERNET (TCP/IP)		CONTROLLERS	
	Cable	Controller Expansion/Interface	Cable	Controller Expansion/Interface		
PERFORMANCE 4 inch HMI CTP104N -E CTP104N -E CTP104N -E CTP104N -E	 Modbus Cable 88 980 171	 Modbus Interface 88 980 122 or 88 980 123	 Not Possible (Telecontroller em4 Alert Without Ethernet Communication)	 Not Possible (Telecontroller em4 Alert Without Ethernet Communication)	 + Telecontroller em4 Alert	
	 M3 Modbus Cable 88 970 503	 Modbus Expansion XN06 88 972 250	 Ethernet cable 88 970 508	 No Interface needed (Direct Connection to Controller)	 No Interface needed (Direct Connection to Controller)	 + Nano-PLC em4
	 Modbus Cable 88 980 172	 Modbus Interface 88 980 122 or 88 980 123	 Ethernet cable 88 970 508	 No Interface needed (Direct Connection to Controller)	 No Interface needed (Direct Connection to Controller)	 + Communicating Logic Controller Millenium EVO
	 M3 Modbus Cable 88 970 504	 Modbus Expansion XN06 88 972 250	 Ethernet Expansion XN05 88 970 270	 Ethernet Expansion XN05 88 970 270	 Ethernet Expansion XN05 88 970 270	 + Logic Controller Millenium3
ESSENTIAL 4 inch & 7 inch HMI's CT104 CT107 CT104 CT107 CT104 CT107 CT104 CT107	 Modbus Cable 88 980 171	 Modbus Interface 88 980 122 or 88 980 123	 Not Possible (Telecontroller em4 Alert Without Ethernet Communication)	 Not Possible (Telecontroller em4 Alert Without Ethernet Communication)	 + Telecontroller em4 Alert	
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	 M3 Modbus Cable 88 970 503	 Modbus Expansion XN06 88 972 250	 Ethernet Expansion XN05 88 970 270	 Ethernet Expansion XN05 88 970 270	 Ethernet Expansion XN05 88 970 270	 + Logic Controller Millenium3