Software
Unity Pro software

Unity Pro programming software for Modicon M340 M, Modicon M580 M5, Modicon Momentum MM, Premium P, Quantum Q, Safety S and Modicon distributed I/O D platforms			
IEC 61131-3 languages	Instruction List (IL)	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Ladder (LD)	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Structured Text (ST)	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Function Block Diagram (FBD)	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Sequential Function Chart (SFC)/Grafcet	**M - MM - D**	**M - M5 - MM - P - Q - D**
Ladder Logic Language LL984		**M - MM**	**M - MM - Q**
Programming services	Multitask programming (Master, fast and event-triggered)	**M - MM** (master task only) **- D**	**M - M5 - MM** (master task only) **- P - Q - D**
	Multitask programming (Master, fast, auxiliary and event-triggered)		**M5**
	Functional view and function modules	**M - MM - D**	**M - M5 - MM - P - Q - D**
	DFB editor and instances	**M - MM - D**	**M - M5 - MM - P - Q - D**
	DDT compound data editors	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Data structure instances and tables	**M - MM - D**	**M - M5 - MM - P - Q - D**
	EF and EFB libraries	**M - MM - D**	**M - M5 - MM - P - Q - D**
	User-definable control loops		**P** (TSXP572●/3●/4●) **- D**
	Programmable control loops (with process control FB library)	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Safety function block libraries		
	Motion function block (MFB) libraries	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Hot Standby PLC redundancy system		**P** (TSXH5724M/44M) **- D**
	System and Application diagnostics	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Bus and network configuration to slave devices (Modicon distributed I/O, etc.)	**M - MM - D**	**M - M5 - MM - P - Q - D**
Debugging and display services	PLC simulator	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Hypertext link animations in graphic languages	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Step by step execution, Breakpoint, Watchpoint	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Trending tool	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Operator screens, Animation tables	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Diagnostics viewer	**M - MM - D**	**M - M5 - MM - P - Q - D**
Other services	Creation of hyperlinks	**M - MM - D**	**M - M5 - MM - P - Q - D**
	XML/XVM import/export	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Application converters (Modsoft, Concept, ProWORX, PL7)	**M**	**M - M5 - MM - P - Q - D**
	Utilities for updating PLCs and Advantys operating system	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Communication drivers for Modicon platforms	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Unity Pro servers - Openness (OFS, 3rd party tools)	**M - MM - D**	**M - M5 - MM - P - Q - D**
	Online modification of the configuration		**M5 - Q**
	Online modification of the program	**M - MM - Q**	**M - M5 - MM - P - Q**
	Importing of applications (Modsoft, Concept, ProWORX) written in LL984 language	**M - MM**	**M - MM - Q**
	Data dictionary, Dynamic exchange with SCADA through OFS		
	Static exchange via XML/XVM export files	**M - MM - D**	**M - M5 - MM - P - Q - D**
Compatible Modicon platforms	Modicon M340 CPUs M	All models	All models
	Modicon M580 CPUs M5	–	BMEP5810/5820/5830
	Modicon Momentum CPUs MM	171CBU78090/98090/98091	171CBU78090/98090/98091
	Premium CPUs P	–	TSXP57104M/1634M/154M TSXP57204M/2634M/254M TSXP57304M/3634M/354M TSXP574634/454M TSXH5724/44M
	Quantum CPUs Q	–	140CPU31110 140CPU43412U 140CPU53414U
	Safety CPUs S	–	–
Compatible Modicon distributed I/O D		STB, OTB, TM7, ETB, Momentum	STB, OTB, TM7, ETB, Momentum
Software name		**Unity Pro Small**	**Unity Pro Large**
Unity Pro package		**UNYPROSP80**	**UNYPROLP80**
License, see page		44017/2	44017/3

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Unity Pro programming software for Modicon M340 M , Modicon M580 M5, Modicon Momentum MM, Premium P, Quantum Q, Safety S and Modicon distributed I/O D platforms			
IEC 61131-3 languages	Instruction List (IL)	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - D**
	Ladder (LD)	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
	Structured Text (ST)	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - D**
	Function Block Diagram (FBD)	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
	Sequential Function Chart (SFC)/Grafcet	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - D**
Ladder Logic Language LL984		**M - MM - Q**	**M - MM - Q**
Programming services	Multitask programming (Master, fast and event-triggered)	**M - M5 - MM** (master task only) **- P - Q - D**	**M - MM** (master task only) **- P - Q - D**
	Multitask programming (Master, fast, auxiliary and event-triggered)	**M5 - P** (TSXP575●) **- Q** (140CPU651/671) **- D**	**P** (TSXP575●) **- Q** (140CPU651/671) **- D**
	Functional view and function modules	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
	DFB editor and instances	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
	DDT compound data editors	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - D**
	Data structure instances and tables	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - D**
	EF and EFB libraries	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - D**
	User-definable control loops	**P** (TSXP572●/3●/4●/5●) **- D**	**P** (TSXP572●/3●/4●/5●) **- D**
	Programmable control loops (with process control FB library)	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - D**
	Safety function block libraries		**S - D**
	Motion function block (MFB) libraries	**M - M5 - MM - P - D**	**M - MM - P - D**
	Hot Standby PLC redundancy system	**P** (TSXH5724M/44M) **- Q** (140CPU67160) **- D**	**P** (TSXH5724M/44M) **- Q** (140CPU67160) **- S - D**
	System and Application diagnostics	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
	Bus and network configuration to slave devices (Modicon distributed I/O, etc.)	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - D**
Debugging and display services	PLC simulator	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
	Hypertext link animations in graphic languages	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
	Step by step execution, Breakpoint, Watchpoint	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
	Trending tool	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
	Operator screens, Animation tables	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
	Diagnostics viewer	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
Other services	Creation of hyperlinks	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
	XML/XVM import/export	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
	Application converters (Modsoft, Concept, ProWORX, PL7)	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - D**
	Utilities for updating PLCs and Advantys operating system	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - D**
	Communication drivers for Modicon platforms	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
	Unity Pro servers - Openness (OFS, 3rd party tools)	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
	Online modification of the configuration	**M5 - Q**	
	Online modification of the program	**M - M5 - MM - P - Q**	
	Importing of applications (Modsoft, Concept, ProWORX) written in LL984 language	**M - MM - Q**	**M - MM - Q**
	Data dictionary, Dynamic exchange with SCADA through OFS	**M - M5 - P - Q - D**	**M - P - Q - S - D**
	Static exchange via XML/XVM export files	**M - M5 - MM - P - Q - D**	**M - MM - P - Q - S - D**
Compatible Modicon platforms	Modicon M340 CPUs M	All models	All models
	Modicon M580 CPUs M5	All models	–
	Modicon Momentum CPUs MM	171CBU78090/98090/98091	171CBU78090/98090/98091
	Premium CPUs P	TSXP57104M/1634M/154M TSXP57204M/2634M/254M TSXP57304M/3634M/354M TSXP574634M/454M TSXP575634M/554M TSXP576634M TSXH5724M/44M	TSXP57104M/1634M/154M TSXP57204M/2634M/254M TSXP57304M/3634M/354M TSXP574634M/454M TSXP575634M/554M TSXP576634M TSXH5724M/44M
	Quantum CPUs Q	140CPU31110 140CPU43412U 140CPU53414U 140CPU65150/60 140CPU65260 140CPU67160 140CPU67260/61	140CPU31110 140CPU43412U 140CPU53414U 140CPU65150/60 140CPU65260 140CPU67160 140CPU67260/61
	Safety CPUs S	–	140CPU65160S 140CPU67160S
Compatible Modicon distributed I/O D		STB, OTB, TM7, ETB, Momentum	STB, OTB, TM7, ETB, Momentum
Software name		**Unity Pro Extra Large**	**Unity Pro XL Safety**
Unity Pro package		**UNYPROXLP80**	**UNYSPUXF●CD70**
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