

LEETERN lubrication control unit selection table

Model	Advantage	Display	Control function			Monitoring function								Control channels	network	Working voltage	Input		Output				Applications	Model
			LUBE mode	Manual control	PAUSE mode	Oil level monitoring	Oil pressure monitoring	Air pressure monitoring	Cycle switch monitoring	Signal monitoring	Temperature monitoring	Power-off protection	External control				Analog quantity	Switching value	Silicon control	MOS transistor	Relay	Alarm		
UC-1	High reliability,integrated design,Text Interface	LCD	T/C	●	T/C		○		○		△	●		1		DC 12-42V		2			1	1	①②	UC-1
UC-1s	Integrated and economy design	LED	T/C	●	T/C		○		○			●		1		DC 12-42V		2			1	1	①②	UC-1s
UC-1A	Separate operation and control PCB,easy to install	LED	T/C	●	T/C		○		○			●		1		DC 12-42V		2			1	1	①②	UC-1A
UC-1A AC version	Alternating Current version of UC-1A	LED	T/C		T/C		○		○			●		1		AC 90-250V		2			1	1	②③	UC-1A AC version
UC-1N	powerful function, Integrated design	LED	T/C	●	T/C	△	○	△	○	○		●	△	1		DC 12-42V		2			1	1	①②③⑨	UC-1N
UC-1AC	Alternating Current version of UC-1N	LED	T/C	●	T/C	△	○	△	○	○		●	●	1		AC 90-250V		2			1	1	②③	UC-1AC
UC-1V	Automatic match different voltages	LED	T/C	●	T/C	△	○	△	○	○		●	△	1		DC 12-42V		2		1		1	①②③⑨	UC-1V
UC-2	Two-channel, text interface	LCD	C	●	T/C	●						●		2		AC 90-250V		2	2			1	⑤	UC-2
UC-2A	Separate operation and control PCB,high integration	LED	C		T	●								1		AC 90-250V		2	1			1	⑤	UC-2A
UC-2C	Upgrade version of UC-2A	LED	C	●	T	●						●	△	1		AC 90-250V		2	1			1	⑤	UC-2C
UC-2Au	Separate operation and control PCB,high integration	LED	T/C/P	●	T/C	●		●				●	△	1		AC 90-250V		2	1		1		⑦	UC-2Au
UC-3	High reliability,fully functional type	LCD	T/C	●	T/C	●	●	●	●	●	△	●	●	4	RS-485	AC 90-250V	4	6	4				③④⑤⑥⑦⑨	UC-3
UC-3N	Multi-channel,Support network intelligent lubrication	LED	T/C/F/P	●	T/C	●	△		●	●	△	●	●	4	RS-485	DC 12-42V	4	6			4	1	③④⑧⑨	UC-3N
UC-4	low cost version, program via PC software		T/C		T/C	●						●		1	RS-232	AC 200-240V		2	1				⑤	UC-4
UC-5	Two-channel, solid and reliable, text interface	LCD	C/F	●	T/C	●	●	●	●	●		●	●	2		AC 90-250V		5	2			1	⑤⑥⑨	UC-5
UC-5N	Extended network function on UC-5	LCD	C/F	●	T/C	●	●	●	●	●		●	●	2	RS-485	AC 90-250V		5	2			1	⑤⑥⑨	UC-5N
UC-5u	powerful function,solid and reliable, text interface	LCD	T/C/P	●	T/C	●	●	●				●	●	1		AC 90-250V		5	2			1	⑦	UC-5u
UC-5M	powerful function,solid and reliable, text interface	LCD	T/C	●	T/C	●	●	●	●	●		○	●	1-4		DC 18-32V		12	1		4	1	③④⑨	UC-5M

Applications code meaning: ① Vehicle chassis lubrication and engineering machinery lubrication ② Single-line lubrication for small-sized machinery ③ Progressive lubrication ④ Dual-line lubrcation
⑤ Chain projection lubrication ⑥ Chain injection lubrication ⑦ Minimum Quantity air mist Lubrication ⑧ intelligent lubrication ⑨ Compressed Air pressure spray lubrication

In Control function: **T** means **Timer** control mode, **C** means **Counter** control mode, **T/C** means Timer or Counter can be selected.

Symbol meaning: ● support ○ can be selected via setting △ optional function when ordering.

About input: Analog quantity input supports Pressure and Temperature measure, switching value input can be switch contacts or voltage logic signal.

About output: **Silicon control** output can drive AC load, **relay** output can drive DC load (UC-3N and UC-5M can drive AC load via changing external wiring.)

Alarm output is used to output alarm contact signal (UC-1AC and UC-2A outputs AC singals) ,