

Table 1: TrojanUV Touch Smart Controller Features

	TROJANUV3000B	TROJANUV3000A	TROJANUV3000PLUS	TROJANUV3000Plus '07
Configuration				
Max # of Channels	2		Up to 4 Channels**	
Max Modules/Bank	20	32	32	32
Max Banks/Channel	3		1-2*	
Controls				
Screen Interface	7" Color Touch			
Flow Pacing	Yes	Yes	N/A	N/A
Dose Pacing	N/A	N/A	Yes	Yes
Individual Lamp Status	N/A	Yes	Yes	Yes
Lead Bank Rotation	Auto or Manual			
Redundant Bank Logic	Yes*	Yes	Yes	Yes
Multiple Lamp Failure	N/A	Yes	Yes	Yes
Module Failure Alarm	N/A	Yes	Yes	Yes
Bank Communication Alarm	N/A	Yes	Yes	Yes
Low Water Level	Yes (requires low level probe to be installed)			
High Water Level	Yes (requires high level probe to be installed)			
USB Data Logging	Yes		Yes	Yes
Remote Control Capabilities				
Force System on/off	Yes (DI)	Yes (DI)	N/A	N/A
System enable/disable (runs in auto)	Yes (DI)	N/A	Yes (DI or SCADA)	Yes (DI or SCADA)
Turn on one additional bank (if available)	Yes (DI)	Yes (DI)	N/A	N/A
Remote Monitoring Capabilities				
SCADA Protocols	Standard: Modbus Ethernet Optional: Modbus RTU (N/A for UV3000A) All remote monitoring signals available on SCADA			
Bank Status	Yes			
Common Alarm	Major, Minor	Major, Minor	Critical, Major, Minor	Critical, Major, Minor
Low UV Intensity Alarm	Yes (DO)			
Bank UV Intensity Alarm	Yes (SCADA only)			
Average UV Intensity	Yes (analog out)	Yes (analog out)	N/A	N/A
Inputs/Outputs				
Discrete Inputs	8	8	5	5
Discrete Outputs	8	12	8	8
Analog Inputs	2 – 1 used for Flow 2 nd for Future		2 (flow and UVT)	
Analog Outputs	1 - Average UV Intensity		Multiple	

* For TrojanUV3000, redundant bank logic is driven by a single lamp failure OR low UV intensity as there is no multiple lamp failure alarm

** 3 and 4 channels only 1 bank/channel supported