

Power On Initialize (I Steps)

Step	Description	Details/Actions	PTR	AS	PTD	V1	V2	V3	V4	V5	V6	S1	S2	S3	S4	S5	S6	P1	X	Y	Z	A
I1	Power Up	If S2 OFF Goto I2 Else Goto I3				OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	<10	?	?	?	?
I2	Raise Needle	Raise Z Until S2 On Or until Z MaxStep If S2 On Goto I3 Else NEEDLE ERROR HOLD				OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	<10	?	?	?	?
I3	Rinse Pressure Check	If P1 <10 Alert to Pressurize OK to continue I4				OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	<10	?	?	Up	?
I4	Vial Check	If S1 Off Vial Not Found Else Vial Found Either Go to I5				OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	>10	?	?	Up	?
I5	Initialize Sample Syringe	If S4 Off Goto I6 Else SYRINGE ERROR HOLD				OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	>10	?	?	Up	?
I6	Home Sample Syringe	Lower Y Until S4 On Or until Y MinStep If S4 On Goto I7 Else SYRINGE ERROR HOLD				OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	>10	?	DN	Up	?
I7	Zero Sample Syringe	Raise Y (Syringe) To Y ZeroStep Goto I8				OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	>10	?	Up	Up	?
I8	Initialize Calibration Standard Syringe	Out: Cval (Volume) Last Reported OK to continue I9 Recal Goto CS1				OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	>10	?	Up	Up	?
I9	Power On Complete	CSSyringe OK, Goto SB1				OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	>10	?	Up	Up	OK