No.		Item	Parameter for Prime 30L, 56L Parameter Prime 30L Economic	Prime 30L Standard	Prime 30L Advance	Prime 56L Economic	Prime 56L Standard	Prime 56L Advance	Remark / Reference	
1		**Pressure Vessel characteristics**								
1.01	1	Chamber Capacity	30 Liters / 7.9 Gallons	30 Liters / 7.9 Gallons	30 Liters / 7.9 Gallons	56 Liters / 14.8 Gallons	56 Liters / 14.8 Gallons	56 Liters / 14.8 Gallons	Prime 30 PED data(PED TCF C301-1.1)	Prime 56 PED data(PED TCF C380-1.1)
1.02	2	Chamber Size	Ø 300 x 452 (mm) / Ø 11.8 x 17.8 (inch)	Ø 300 x 452 (mm) / Ø 11.8 x 17.8 (inch)	Ø 300 x 452 (mm) / Ø 11.8 x 17.8 (inch)	Ø 380 x 522 (mm) / Ø 15 x 20.6 (inch)	Ø 380 x 522 (mm) / Ø 15 x 20.6 (inch)	Ø 380 x 522 (mm) / Ø 15 x 20.6 (inch)	Prime 30 PED data(PED TCF C301-1.1)	Prime 56 PED data(PED TCF C380-1.1)
1.03	3	Pressure Vessel Material	Chamber：SUS 316L Stainless Steel , Thinness 2mm Door：SUS 316 Stainless Steel , Thinness 2.5mm Roughness of surface : Polish Gas tungsten arc welding(GTAW)	Chamber：SUS 316L Stainless Steel , Thinness 2mm Door：SUS 316 Stainless Steel , Thinness 2.5mm Roughness of surface : Polish Gas tungsten arc welding(GTAW)	Chamber：SUS 316L Stainless Steel , Thinness 2mm Door：SUS 316 Stainless Steel , Thinness 2.5mm Roughness of surface : Polish Gas tungsten arc welding(GTAW)	Chamber：SUS 316L Stainless Steel , Thinness 2.5mm Door：SUS 316 Stainless Steel , Thinness 3mm Roughness of surface : Polish Gas tungsten arc welding(GTAW)	Chamber：SUS 316L Stainless Steel , Thinness 2.5mm Door：SUS 316 Stainless Steel , Thinness 3mm Roughness of surface : Polish Gas tungsten arc welding(GTAW)	Chamber：SUS 316L Stainless Steel , Thinness 2.5mm Door：SUS 316 Stainless Steel , Thinness 3mm Roughness of surface : Polish Gas tungsten arc welding(GTAW)	Prime 30 Chamber drawing	Prime 56 Chamber drawing
1.04	4	Design Presure	3.0 bar	3.0 bar	3.0 bar	3.0 bar	3.0 bar	3.0 bar	PED Cer.	
1.05	5	Design Temperature	144℃	144℃	144℃	144℃	144℃	144℃	PED Cer.	
1.06	6	Working Presure / Temperature	(-1.0)~ 2.1 bar /0~135 ℃	(-1.0)~ 2.1 bar /0~135 ℃	(-1.0)~ 2.1 bar /0~135 ℃	(-1.0)~ 2.1 bar /0~135 ℃	(-1.0)~ 2.1 bar /0~135 ℃	(-1.0)~ 2.1 bar /0~135 ℃	Prime 30/56 specification(DHF 4-2-1)	
1.07	7	Chamber Design Tec.	Chamber Type：Single chamber w/o jacket Resistant to oxidation, high temperature and high pressure. Gas tungsten arc welding(GTAW) RoHS	Chamber Type：Single chamber w/o jacket Resistant to oxidation, high temperature and high pressure. Gas tungsten arc welding(GTAW) RoHS	Chamber Type：Single chamber w/o jacket Resistant to oxidation, high temperature and high pressure. Gas tungsten arc welding(GTAW) RoHS	Chamber Type：Single chamber w/o jacket Resistant to oxidation, high temperature and high pressure. Gas tungsten arc welding(GTAW) RoHS	Chamber Type：Single chamber w/o jacket Resistant to oxidation, high temperature and high pressure. Gas tungsten arc welding(GTAW) RoHS	Chamber Type：Single chamber w/o jacket Resistant to oxidation, high temperature and high pressure. Gas tungsten arc welding(GTAW) RoHS	Prime 30 Chamber drawing	Prime 56 Chamber drawing
1.08	8	Chamber Door Tec.	Chamber Door structure：Quick locking cover Concave type Resistant to oxidation	Chamber Door structure：Quick locking cover Concave type Resistant to oxidation	Chamber Door structure：Quick locking cover Concave type Resistant to oxidation	Chamber Door structure：Quick locking cover Concave type Resistant to oxidation	Chamber Door structure：Quick locking cover Concave type Resistant to oxidation	Chamber Door structure：Quick locking cover Concave type Resistant to oxidation	Prime 30 PED data(PED TCF C301-1.1)	Prime 56 PED data(PED TCF C380-1.1)
1.09	9	Insulation system	Material ：Melamine Foam + AL tape + iron tape thickness 14 mm	Material ：Melamine Foam + AL tape + iron tape thickness 14 mm	Material ：Melamine Foam + AL tape + iron tape thickness 14 mm	Material ：Melamine Foam + AL tape + iron tape thickness 14 mm	Material ：Melamine Foam + AL tape + iron tape thickness 14 mm	Material ：Melamine Foam + AL tape + iron tape thickness 14 mm	Prime 30/56 BOM list(DHF 4-2-5.a)	
1.10	10	Design life	7 years	7 years	7 years	7 years	7 years	7 years	Prime 30/56 Life test(DHF 4-8-5)	
2		**Overall Characteristics**								
2.01	11	Overall Dimension	584 (W) x 480 (H) x 670 (D) (mm) 23 (W) x 18.9 (H) x 26.4 (D) (inch)	584 (W) x 480 (H) x 670 (D) (mm) 23 (W) x 18.9 (H) x 26.4 (D) (inch)	584 (W) x 480 (H) x 670 (D) (mm) 23 (W) x 18.9 (H) x 26.4 (D) (inch)	720(W) x 535(H) x 710(D) (mm)	720(W) x 535(H) x 710(D) (mm)	720(W) x 535(H) x 710(D) (mm)	Prime 30/56 Installation plan(DHF 4-2-2.c)	
2.02	12	Carcass Material	Powder coating Thickness 1mm	Powder coating Thickness 1mm	Powder coating Thickness 1mm	Powder coating Thickness 1mm	Powder coating Thickness 1mm	Powder coating Thickness 1mm	Prime 30 Carcass drawing	Prime 56 Carcass drawing
2.03	13	Preset Program	15 Programs	17 Programs	17 Programs	15 Programs	17 Programs	17 Programs	Prime 30/56 specification(DHF 4-2-1)	
2.04	14	Sterilization Temperature	105~135 C, Adjustable	105~135 C, Adjustable	105~135 C, Adjustable	105~135 C, Adjustable	105~135 C, Adjustable	105~135 C, Adjustable	Prime 30/56 specification(DHF 4-2-1)	
2.05	15	Temperature Sensor	PT100 x 2 pcs, chamber 、folting K type x 3 pcs, steam generator、B-heater、 exhaust filter (optional)	PT100 x 2 pcs, chamber 、folting K type x 3 pcs, steam generator、B-heater、 exhaust filter (optional)	PT100 x 2 pcs, chamber 、folting K type x 3 pcs, steam generator、B-heater、 exhaust filter (optional)	PT100 x 2 pcs, chamber 、folting K type x 3 pcs, steam generator、B-heater、 exhaust filter (optional)	PT100 x 2 pcs, chamber 、folting K type x 3 pcs, steam generator、B-heater、 exhaust filter (optional)	PT100 x 2 pcs, chamber 、folting K type x 3 pcs, steam generator、B-heater、 exhaust filter (optional)	Prime 30/56 specification(DHF 3-1-1)	
2.06	16	Display	HMI Digital show temperature, pressure Pressure gauge prossce indicator (green, bule, bule flashing, red)	HMI Digital show temperature, pressure Pressure gauge prossce indicator (green, bule, bule flashing, red)	HMI Digital show temperature, pressure Pressure gauge prossce indicator (green, bule, bule flashing, red)	HMI Digital show temperature, pressure Pressure gauge prossce indicator (green, bule, bule flashing, red)	HMI Digital show temperature, pressure Pressure gauge prossce indicator (green, bule, bule flashing, red)	HMI Digital show temperature, pressure Pressure gauge prossce indicator (green, bule, bule flashing, red)	Prime 30/56 specification(DHF 3-1-1)	
2.07	17	Operation Interface	HMI , full color 5' touch panel (screen)	HMI , full color 5' touch panel (screen)	HMI , full color 5' touch panel (screen)	HMI , full color 5' touch panel (screen)	HMI , full color 5' touch panel (screen)	HMI , full color 5' touch panel (screen)	Prime 30/56 specification(DHF 4-2-1)	
2.08	18	Altitude Usage	Under 3000M	Under 3000M	Under 3000M	Under 3000M	Under 3000M	Under 3000M	Prime 30/56 specification(DHF 4-2-1)	
2.09	19	Net Weight	68 kg	73.5 kg	75 kg	100 kg	105.5 kg	107 kg	Prime 30/56 Packing data(DHF 4-2-3)	
2.10	20	Power Supply	230V ± 10%	230V ± 10%	230V ± 10%	230V ± 10%	230V ± 10%	230V ± 10%	Prime 30/56 specification(DHF 4-2-1)	
2.11	21	Current	12.6 A (ampere)	13.1 A (ampere)	13.1 A (ampere)	12.6 A (ampere)	13.1 A (ampere)	13.1 A (ampere)	Prime 30/56 specification(DHF 4-2-1)	
2.12	22	Fases	15 A	15 A	15 A	15 A	15 A	15 A	Prime 30/56 specification(DHF 4-2-1)	
2.13	23	power code	quick socket 16A, European style / USA type	quick socket 16A, European style / USA type	quick socket 16A, European style / USA type	quick socket 16A, European style / USA type	quick socket 16A, European style / USA type	quick socket 16A, European style / USA type	Prime 30/56 specification(DHF 4-2-1)	
2.14	24	Power Consumption	Main heater 2000W for steam generator Bend heater 900W	Main heater 2000W for steam generator Bend heater 900W Pipe heater 43W vacuum pump 100W (standard, advanced)	Main heater 2000W for steam generator Bend heater 900W Pipe heater 43W vacuum pump 100W (standard, advanced)	Main heater 2000W for steam generator Bend heater 900W	Main heater 2000W for steam generator Bend heater 900W Pipe heater 43W vacuum pump 100W (standard, advanced)	Main heater 2000W for steam generator Bend heater 900W Pipe heater 43W vacuum pump 100W (standard, advanced)	Prime 30/56 specification(DHF 4-2-1)	
2.15	25	Pre-Vacuum	No	Yes	Yes	No	Yes	Yes	Prime 30/56 specification(DHF 4-2-1)	
2.16	26	Post-Vacuum	No	Yes	Yes	No	Yes	Yes	Prime 30/56 specification(DHF 4-2-1)	
2.17	27	Pressure & Temperature Control	Yes	Yes	Yes	Yes	Yes	Yes	Prime 30/56 specification(DHF 4-2-1)	
2.18	28	Filter	air fiter for lifted vacuum	air fiter for lifted vacuum	air fiter for lifted vacuum Exhaust fiter High presure cooling for Adv.	air fiter for lifted vacuum	air fiter for lifted vacuum	air fiter for lifted vacuum Exhaust fiter High presure cooling for Adv.	Prime 30/56 specification(DHF 4-2-1)	
2.19	29	Digital Reorder	Built in memory 2 GB for *** cycle data USB max 64GB	Built in memory 2 GB for *** cycle data Thermal Printer USB max 64GB	Built in memory 2 GB for *** cycle data Thermal Printer USB max 64GB	Built in memory 2 GB for *** cycle data USB max 64GB	Built in memory 2 GB for *** cycle data Thermal Printer USB max 64GB	Built in memory 2 GB for *** cycle data Thermal Printer USB max 64GB	Prime 30/56 specification(DHF 4-2-1)	
2.20	30	Connect type	USB to wifi USB to scaner USB to flash memory	RJ-45 for internet USB to wifi USB to scaner USB to flash memory	RJ-45 for internet USB to wifi USB to scaner USB to flash memory	USB to wifi USB to scaner USB to flash memory	RJ-45 for internet USB to wifi USB to scaner USB to flash memory	RJ-45 for internet USB to wifi USB to scaner USB to flash memory	Prime 30/56 specification(DHF 4-2-1)	
2.21	31	water trank	4.2 liter for recycle use	4.2 liter for recycle use	4.2 liter for recycle use	16.1 liter for recycle use	16.1 liter for recycle use	16.1 liter for recycle use	Prime 30/56 specification(DHF 3-1-1)	
2.22	32	Protection	Overheat Overpressure power Response System Four Door Locking System	Overheat Overpressure power Response System Four Door Locking System Free from Troublesome Agar Clogging	Overheat Overpressure power Response System Four Door Locking System Free from Troublesome Agar Clogging	Overheat Overpressure power Response System Four Door Locking System	Overheat Overpressure power Response System Four Door Locking System Free from Troublesome Agar Clogging	Overheat Overpressure power Response System Four Door Locking System Free from Troublesome Agar Clogging	Prime 30/56 specification(DHF 4-2-1)	
2.23	33	Condenser	NA	NA	NA	NA	NA	NA		
2.24	34	Type of piping material of the steam and water system	Stainless Steel 304+ Copper+ silicon+PTFE	Stainless Steel 304+ Copper+ silicon+PTFE	Stainless Steel 304+ Copper+ silicon+PTFE	Stainless Steel 304+ Copper+ silicon+PTFE	Stainless Steel 304+ Copper+ silicon+PTFE	Stainless Steel 304+ Copper+ silicon+PTFE	Prime 30/56 specification(DHF 3-1-1)	
3		**CONTROL SYSTEM for hardware**								
3.01	35	Control Method	Microcomputer + HMI	Microcomputer + HMI	Microcomputer + HMI	Microcomputer + HMI	Microcomputer + HMI	Microcomputer + HMI	Prime 30/56 specification(DHF 4-2-1)	
3.02	36	Control Panel	5 inch / Touch panel	5 inch / Touch panel	5 inch / Touch panel	5 inch / Touch panel	5 inch / Touch panel	5 inch / Touch panel	Prime 30/56 specification(DHF 4-2-1)	
3.03	37	connect prot	USB x 3 pcs	USB x 4 pcs RJ-45 for internet	USB x 4 pcs RJ-45 for internet	USB x 3 pcs	USB x 4 pcs RJ-45 for internet	USB x 4 pcs RJ-45 for internet	Prime 30/56 specification(DHF 4-2-1)	
3.04	38	Loading Capacity			(see table below)				Prime 30/56 Operation Manual(DHF 4-2-2.a)	
4		**CONTROL SYSTEM for Software**								
4.01	39	Laguage	English	English	English	English	English	English	Prime 30/56 specification(DHF 3-1-1)	
4.02	40	Minimum display parameters	Temp:0.1 c Pres:0.001bar	Temp:0.1 c Pres:0.001bar	Temp:0.1 c Pres:0.001bar	Temp:0.1 c Pres:0.001bar	Temp:0.1 c Pres:0.001bar	Temp:0.1 c Pres:0.001bar	Prime 30/56 specification(DHF 3-1-1)	
4.03	41	Program	15 Programs	17 Programs	17 Programs	15 Programs	17 Programs	17 Programs	Prime 30/56 specification(DHF 4-2-1)	

NO.	種 類		最大負載量 Prime 30L	Prime 56L
1	錐形瓶 Erlenmeyer flask	250 ml	8 PCs	15 PCs
		500 ml	6 PCs	8 PCs
		1,000 ml	3 PCs	6 PCs
		2,000 ml	0 PC	2 PC
		5,000 ml	0 PC	0 PC
2	血清瓶 Schott-Duran Bottle	250 ml	15 PCs	18 PCs
		500 ml	8 PCs	15 PCs
		1,000 ml	4 PCs	8 PCs
		2,000 ml	0 PC	3 PC
		5,000 ml	0 PC	0 PC

No.		Item	Parameter for Prime 30L, 56L						Remark / Reference
			Parameter						
			Prime 30L Economic	Prime 30L Standard	Prime 30L Advance	Prime 56L Economic	Prime 56L Standard	Prime 56L Advance	
4.04	42	sterilization Programs	1. Liquid 1 2. Liquid 2 3. Solid 1 4. Solid 2 5. Agar 6. Dissolution 7. user 1 8. User 2 9. Dry only 10. Waste Liquid 11. Waste Solid 12. Waste Mixed 13. Latex 14. Flash	1. Liquid 1 2. Liquid 2 3. Solid 1 4. Solid 2 5. Agar 6. Dissolution 7. user 1 8. User 2 9. Dry only 10. Waste Liquid 11. Waste Solid 12. Waste Mixed 13. Latex 14. Flash	1. Liquid 1 2. Liquid 2 3. Solid 1 4. Solid 2 5. Agar 6. Dissolution 7. user 1 8. User 2 9. Dry only 10. Waste Liquid 11. Waste Solid 12. Waste Mixed 13. Latex 14. Flash	1. Liquid 1 2. Liquid 2 3. Solid 1 4. Solid 2 5. Agar 6. Dissolution 7. user 1 8. User 2 9. Dry only 10. Waste Liquid 11. Waste Solid 12. Waste Mixed 13. Latex 14. Flash	1. Liquid 1 2. Liquid 2 3. Solid 1 4. Solid 2 5. Agar 6. Dissolution 7. user 1 8. User 2 9. Dry only 10. Waste Liquid 11. Waste Solid 12. Waste Mixed 13. Latex 14. Flash	1. Liquid 1 2. Liquid 2 3. Solid 1 4. Solid 2 5. Agar 6. Dissolution 7. user 1 8. User 2 9. Dry only 10. Waste Liquid 11. Waste Solid 12. Waste Mixed 13. Latex 14. Flash	Prime 30/56 specification(DHF 4-2-1)
4.05	43	test programs	NA	15. Bowie & Dick Test 16. Leakage	15. Bowie & Dick Test 16. Leakage	NA	15. Bowie & Dick Test 16. Leakage	15. Bowie & Dick Test 16. Leakage	Prime 30/56 specification(DHF 4-2-1)
4.06	44	other program	17. Cleaning	17. Cleaning	17. Cleaning	17. Cleaning	17. Cleaning	17. Cleaning	Prime 30/56 specification(DHF 4-2-1)
4.07	45	Program function	Calculation of F0 value countdown curve chart	Calculation of F0 value countdown curve chart	Calculation of F0 value countdown curve chart	Calculation of F0 value countdown curve chart	Calculation of F0 value countdown curve chart	Calculation of F0 value countdown curve chart	Prime 30/56 specification(DHF 4-2-1)
4.08	46	Functions	ID manergemant (Adm 1, super uesr 4, nomorl user 15) Calculation of F0 value Calibration (temperature、pressure、Altitude) Reservation Start Service Remind Day and Time Setting Error code message indication Loads Tracking Management	ID manergemant (Adm 1, super uesr 4, nomorl user 15) Calculation of F0 value Calibration (temperature、pressure、Altitude) Reservation Start Service Remind Day and Time Setting Error code message indication Loads Tracking Management Free from Troublesome Agar Clogging	ID manergemant (Adm 1, super uesr 4, nomorl user 15) Calculation of F0 value Calibration (temperature、pressure、Altitude) Reservation Start Service Remind Day and Time Setting Error code message indication Loads Tracking Management Free from Troublesome Agar Clogging	ID manergemant (Adm 1, super uesr 4, nomorl user 15) Calculation of F0 value Calibration (temperature、pressure、Altitude) Reservation Start Service Remind Day and Time Setting Error code message indication Loads Tracking Management	ID manergemant (Adm 1, super uesr 4, nomorl user 15) Calculation of F0 value Calibration (temperature、pressure、Altitude) Reservation Start Service Remind Day and Time Setting Error code message indication Loads Tracking Management Free from Troublesome Agar Clogging	ID manergemant (Adm 1, super uesr 4, nomorl user 15) Calculation of F0 value Calibration (temperature、pressure、Altitude) Reservation Start Service Remind Day and Time Setting Error code message indication Loads Tracking Management Free from Troublesome Agar Clogging	規格書須再修改，沒有提到這個欄位內容
4.09	47	Cycle Time	1. Liquid 1 2. Liquid 2 3. Solid 1 4. Solid 2 5. Agar 6. Dissolution 7. user 1 8. User 2 9. Dry only 10. Waste Liquid 11. Waste Solid 12. Waste Mix 13. Latex 14. Flash 17. Cleaning	1. Liquid 1 /****/****/***** 2. Liquid 2 3. Solid 1 4. Solid 2 5. Agar 6. Dissolution 7. user 1 8. User 2 9. Dry only 10. Waste Liquid 11. Waste Solid 12. Waste Mix 13. Latex 14. Flash 15. Bowie & Dick Test 16. Leakage 17. Cleaning	1. Liquid 1 /****/****/***** 2. Liquid 2 3. Solid 1 4. Solid 2 5. Agar 6. Dissolution 7. user 1 8. User 2 9. Dry only 10. Waste Liquid 11. Waste Solid 12. Waste Mix 13. Latex 14. Flash 15. Bowie & Dick Test 16. Leakage 17. Cleaning	1. Liquid 1 /****/****/***** 2. Liquid 2 3. Solid 1 4. Solid 2 5. Agar 6. Dissolution 7. user 1 8. User 2 9. Dry only 10. Waste Liquid 11. Waste Solid 12. Waste Mix 13. Latex 14. Flash 17. Cleaning	1. Liquid 1 /****/****/***** 2. Liquid 2 3. Solid 1 4. Solid 2 5. Agar 6. Dissolution 7. user 1 8. User 2 9. Dry only 10. Waste Liquid 11. Waste Solid 12. Waste Mix 13. Latex 14. Flash 15. Bowie & Dick Test 16. Leakage 17. Cleaning	1. Liquid 1 /****/****/***** 2. Liquid 2 3. Solid 1 4. Solid 2 5. Agar 6. Dissolution 7. user 1 8. User 2 9. Dry only 10. Waste Liquid 11. Waste Solid 12. Waste Mix 13. Latex 14. Flash 15. Bowie & Dick Test 16. Leakage 17. Cleaning	Cycle Time
5		**Door Lock SYSTEM**							
5.01	48	Pressure lock	automatic locking control pressure -0.09 bar ~ +0.09 bar Four Door Locking System ~door swich, lock swich....	automatic locking control pressure -0.09 bar ~ +0.09 bar Four Door Locking System ~door swich, lock swich....	automatic locking control pressure -0.09 bar ~ +0.09 bar Four Door Locking System ~door swich, lock swich....	automatic locking control pressure -0.09 bar ~ +0.09 bar Four Door Locking System ~door swich, lock swich....	automatic locking control pressure -0.09 bar ~ +0.09 bar Four Door Locking System ~door swich, lock swich....	automatic locking control pressure -0.09 bar ~ +0.09 bar Four Door Locking System ~door swich, lock swich....	Prime 30/56 specification(DHF 3-1-1)
5.02	49	Automatic Lock	solenoid lock	solenoid lock	solenoid lock	solenoid lock	solenoid lock	solenoid lock	Prime 30/56 BOM list(DHF 4-2-5.a)
6		**HEATING SYSTEM**							
6.01	50	Sterilization heating	Steam generator	Steam generator	Steam generator	Steam generator	Steam generator	Steam generator	Prime 30/56 specification(DHF 3-1-1)
6.02	51	Power	2900 w	2900 w	2900 w	2900 w	2900 w	2900 w	Prime 30/56 specification(DHF 4-2-1)
6.03	52	Bend heater	900 w	900 w	900 w	900 w	900 w	900 w	Prime 30/56 specification(DHF 4-2-1)
7		**Pipe and water system**							
7.01	53	Type of piping material of the steam	Stainless Steel 304+ Copper+PTFE	Stainless Steel 304+ Copper+PTFE	Stainless Steel 304+ Copper+PTFE	Stainless Steel 304+ Copper+PTFE	Stainless Steel 304+ Copper+PTFE	Stainless Steel 304+ Copper+PTFE	Prime 30/56 specification(DHF 3-1-1)
7.04	56	water trank	4.2 liter, PP material water level high and low of clean water tank	4.2 liter, PP material water level high and low of clean water tank	4.2 liter, PP material water level high and low of clean water tank	16.1 liter,Stainless Steel 304 material water level high and low of clean water tank	16.1 liter,Stainless Steel 304 material water level high and low of clean water tank	16.1 liter,Stainless Steel 304 material water level high and low of clean water tank	Prime 30/56 specification(DHF 3-1-1)
7.05	57	fill water	automatic fill water for clean water tank, water presure 2-7 bar automatic fill water for steam generator by fill water motor	automatic fill water for clean water tank, water presure 2-7 bar automatic fill water for steam generator by fill water motor	automatic fill water for clean water tank, water presure 2-7 bar automatic fill water for steam generator by fill water motor	automatic fill water for clean water tank, water presure 2-7 bar automatic fill water for steam generator by fill water motor	automatic fill water for clean water tank, water presure 2-7 bar automatic fill water for steam generator by fill water motor	automatic fill water for clean water tank, water presure 2-7 bar automatic fill water for steam generator by fill water motor	Prime 30/56 specification(DHF 3-1-1)
7.06	58	Drain	quick drain port	quick drain port	quick drain port	quick drain port	quick drain port	quick drain port	Prime 30/56 specification(DHF 3-1-1)
8		**Air remove / dry / insulation**							
8.01	59	gravity (no vacuum pump type)	gravity pulse	gravity pulse	gravity pulse	gravity pulse	gravity pulse	gravity pulse	Prime 30/56 Operation Manual(DHF 4-2-2.a)
8.02	60	Pre Vaccum	NA	vacuum pump spec. Max Flow XX LPM, MAX Vacuum -0.XX bar Pulse 2 times Max. vacuum value -0.9 bar	vacuum pump spec. Max Flow XX LPM, MAX Vacuum -0.XX bar Pulse 2 times Max. vacuum value -0.9 bar	NA	vacuum pump spec. Max Flow XX LPM, MAX Vacuum -0.XX bar Pulse 2 times Max. vacuum value -0.9 bar	vacuum pump spec. Max Flow XX LPM, MAX Vacuum -0.XX bar Pulse 2 times Max. vacuum value -0.9 bar	Prime 30/56 specification(DHF 3-1-1)
8.03	61	Post Vacuum	NA	Yes	Yes	NA	Yes	Yes	Prime 30/56 specification(DHF 3-1-1)
8.04	62	Heater	Bend-Heater 900W	Bend-Heater 900W	Bend-Heater 900W	Bend-Heater 900W	Bend-Heater 900W	Bend-Heater 900W	Prime 30/56 specification(DHF 4-2-1)
8.05	63	Insulation	keep warm 0h~24h Temperature 45-60°C	keep warm 0h~24h Temperature 45-60°C	keep warm 0h~24h Temperature 45-60°C	keep warm 0h~24h Temperature 45-60°C	keep warm 0h~24h Temperature 45-60°C	keep warm 0h~24h Temperature 45-60°C	Prime 30/56 Operation Manual(DHF 4-2-2.a)
9		**AIR FILTER**							
9.01	64	Vacuum remove air filter	HEPA air filter 0.03μm EN 13060, BFE and VFE filtration efficiency as high as 99.999%	HEPA air filter 0.03μm EN 13060, BFE and VFE filtration efficiency as high as 99.999%	HEPA air filter 0.03μm EN 13060, BFE and VFE filtration efficiency as high as 99.999%	HEPA air filter 0.03μm EN 13060, BFE and VFE filtration efficiency as high as 99.999%	HEPA air filter 0.03μm EN 13060, BFE and VFE filtration efficiency as high as 99.999%	HEPA air filter 0.03μm EN 13060, BFE and VFE filtration efficiency as high as 99.999%	Prime 30/56 specification(DHF 4-2-1)
9.02	65	Exhaust Filter	NA	NA	filter chamber material SUS304 sterilization 150 cycle times @ 134C temperature sensor K type	NA	NA	filter chamber material SUS304 sterilization 150 cycle times @ 134C temperature sensor K type	Prime 30/56 specification(DHF 4-2-1)
9.03	66	High pressure cooling air filter	NA	NA	HEPA air filter 0.03μm EN 13060, BFE and VFE filtration efficiency as high as 99.999%	NA	NA	HEPA air filter 0.03μm EN 13060, BFE and VFE filtration efficiency as high as 99.999%	Prime 30/56 specification(DHF 4-2-1)
10		**COOLING SYSTEM**							
10.01	67	Exhaust	Adjustable Level 0 - 10	Adjustable Level 0 - 10	Adjustable Level 0 - 10	Adjustable Level 0 - 10	Adjustable Level 0 - 10	Adjustable Level 0 - 10	Prime 30/56 specification(DHF 4-2-1)
10.02	68	Fan cooling	DC 24V x 1 pcs	DC 24V x 3 pcs	DC 24V x 3 pcs	DC 24V x 1 pcs	DC 24V x 3 pcs	DC 24V x 3 pcs	Prime 30/56 specification(DHF 4-2-1)
10.03	69	Condenser	NA	NA	NA	NA	NA	NA	
10.04	70	High pressure cooling	NA	NA	pressure adjustment valve (with air-water separation), @ 2.0 bar piping cooling rate	NA	NA	pressure adjustment valve (with air-water separation), @ 2.0 bar piping cooling rate	Prime 30/56 specification(DHF 4-2-1)
11		**Data Recorder & Traceable System**							

		Parameter for Prime 30L, 56L							
No.		Item	Parameter						Remark / Reference
			Prime 30L Economic	Prime 30L Standard	Prime 30L Advance	Prime 56L Economic	Prime 56L Standard	Prime 56L Advance	
11.01	71	Printer	NA	Integrated thermal printer	Integrated thermal printer	NA	Integrated thermal printer	Integrated thermal printer	Prime 30/56 specification(DHF 4-2-1)
11.02	72	Printer Paper	NA	Thermal paper x 5 pcs	Thermal paper x 5 pcs	NA	Thermal paper x 5 pcs	Thermal paper x 5 pcs	Prime 30/56 specification(DHF 4-2-1)
11.03	73	Memory	USB memory max. 64GB	USB memory max. 64GB	USB memory max. 64GB	USB memory max. 64GB	USB memory max. 64GB	USB memory max. 64GB	Prime 30/56 specification(DHF 4-2-1)
11.04	74	Recorder reading software	FileChecker	FileChecker	FileChecker	FileChecker	FileChecker	FileChecker	Prime 30/56 Operation Manual(DHF 4-2-2.a)
11.05	75	Traceable mode	Pre-scan and post scan scaner bar code printer (@150℃)	Pre-scan and post scan scaner bar code printer (@150℃)	Pre-scan and post scan scaner bar code printer (@150℃)	Pre-scan and post scan scaner bar code printer (@150℃)	Pre-scan and post scan scaner bar code printer (@150℃)	Pre-scan and post scan scaner bar code printer (@150℃)	Prime 30/56 specification(DHF 3-1-1)
11.06	76	IoT server	IoT connect by wifi	IoT connect by wifi or RJ-45	IoT connect by wifi or RJ-45	IoT connect by wifi	IoT connect by wifi or RJ-45	IoT connect by wifi or RJ-45	Prime 30/56 specification(DHF 4-2-1)
12		**Accessories**							
12.01	77	basic panel	Standard	Standard	Standard	Standard	Standard	Standard	Prime 30/56 specification(DHF 4-2-1)
12.02	78	software	Standard	Standard	Standard	Standard	Standard	Standard	Prime 30/56 specification(DHF 4-2-1)
12.03	79	Wire-Mesh Basket	Optional	Optional	Optional	Optional	Optional	Optional	Prime 30/56 specification(DHF 4-2-1)
12.04	80	Waste Sterilization Box	Optional	Optional	Optional	Optional	Optional	Optional	Prime 30/56 specification(DHF 4-2-1)
12.05	81	Tray Set	Optional	Optional	Optional	Optional	Optional	Optional	Prime 30/56 specification(DHF 4-2-1)
12.06	82	Barcode Scanner	Optional	Optional	Optional	Optional	Optional	Optional	Prime 30/56 specification(DHF 4-2-1)
12.07	83	Barcode Printer	Optional	Optional	Optional	Optional	Optional	Optional	Prime 30/56 specification(DHF 4-2-1)
12.08	84	Water Distiller	Optional	Optional	Optional	Optional	Optional	Optional	Prime 30/56 specification(DHF 4-2-1)
12.09	85	RO Water Filter	Optional	Optional	Optional	Optional	Optional	Optional	Prime 30/56 specification(DHF 4-2-1)
12.10	86	Wi-Fi Dongle	Optional	Optional	Optional	Optional	Optional	Optional	Prime 30/56 specification(DHF 4-2-1)
12.11	87	SteriProcess IoT Server	Standard / Optional	Standard / Optional	Standard / Optional	Standard / Optional	Standard / Optional	Standard / Optional	Prime 30/56 specification(DHF 4-2-1)
13		**Documents:**							
		~~User manual~~							
13.01	88	Catalog with Technical Sheet	Yes	Yes	Yes	Yes	Yes	Yes	
13.02	89	Operation Manual	Yes	Yes	Yes	Yes	Yes	Yes	Prime 30/56 Operation Manual(DHF 4-2-2.a)
13.03	90	Service Manual	Yes	Yes	Yes	Yes	Yes	Yes	Prime 30/56 Service Manual(DHF 4-2-2.b)
13.04	91	Warranty of manufacture defect (since	one Year	one Year	one Year	one Year	one Year	one Year	
13.05	92	Spare part (accessories) Manual	Yes	Yes	Yes	Yes	Yes	Yes	
13.06	93	Availability of providing spare parts for	Yes	Yes	Yes	Yes	Yes	Yes	
13.07	94	Provide product operation training, preventive maintenance, frequently defect solution to the operator	Yes	Yes	Yes	Yes	Yes	Yes	
14		**Standards and Directives**							
14.01	95	ISO 13485:2016 Quality Management System - Medical Devices	Yes	Yes	Yes	Yes	Yes	Yes	ISO 13485 Cer.
14.02	96	PED 2014/68/EU Pressure Equipment Directive	Yes	Yes	Yes	Yes	Yes	Yes	PED Cer.
14.03	97	ASME BPVC Section VIII-1 Rules for Construction of Pressure Vessels	Yes	Yes	Yes	Yes	Yes	Yes	Prime 30/56 specification(DHF 4-2-1)
14.04	98	EN/IEC 61010-1 Safety Requirements for measurement control and laboratory use	Yes	Yes	Yes	Yes	Yes	Yes	Prime 30/56 LVD Cer.(DHF 4-8-2)
14.05	99	EN/IEC 61010-2-040 Safety requirements for sterilizers used to treat medical materials	Yes	Yes	Yes	Yes	Yes	Yes	Prime 30/56 LVD Cer.(DHF 4-8-2)
14.06	100	EN/IEC 61326-1 EMC	Yes	Yes	Yes	Yes	Yes	Yes	Prime 30/56 EMC Cer.(DHF 4-8-1)
14.07	101	RoHS Restriction of Hazardous Substances Directive 2011/65/EU	Yes	Yes	Yes	Yes	Yes	Yes	N/A

Prime 30L Cycle Time				
Program	Loading		Condition	Time
Solid	N/A	121	S : 20 min、Dry 20 min	02:27:28
		134	S : 20 min、Dry 20 min	01:57:19
Agar	250ml*3	121	S : 30 min、EX10、Ins.60 、1H、CT80、FT95	02:42:30
Dissolution	250ml*3	80	S : 15 min、CT80、FT95	00:36:30
B&D				02:06:27
Flash	7KG			00:40:41
Latex	7KG			01:30:55
Liquid	250ml*3	121	S : 30min、EX10、CT80、FT95	01:44:29
Liquid	250ml*3	134	S : 15min、EX0、CT80、FT95	01:20:30
Waste Solid	7KG			01:48:31
Waste Mixed	250ml*1+1KG			01:27:05
Waste Liquid				01:35:17
USER	7KG		S : 10min、EX0、CT80、FT95	01:10:54