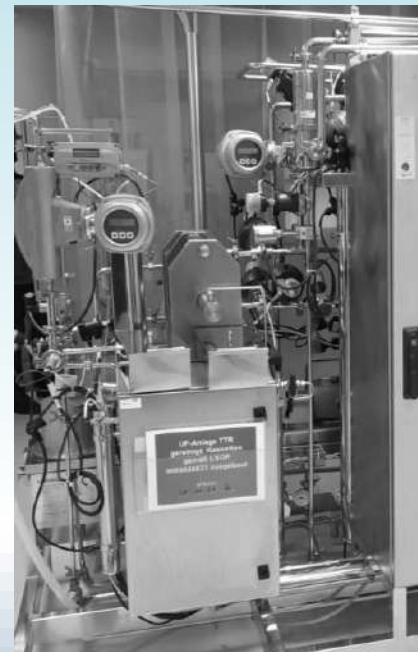


PROJECT - GERMANY

VACCINES MANUFACTURING EQUIPMENT CATALOGUE

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Section 1. Process Equipment	
• Hvac _____	1
• Thermal Disinfection System _____	1
• Temperature Control Unit _____	2
• Single Use Bag System _____	2
• Single Bag Process Fermentor _____	2
Section 2. Mobile Tanks	
• Mobile Tanks _____	3
• System Holder _____	5
Section 3. General Labs	
• Centrifuge _____	5
• Magnetic Stirrer _____	6
• Fermenter _____	7
Section 4. Analytical Instruments	
• Filter Integrity Tester _____	7
• Ph Meter _____	11
• Product Circulation Pump _____	12
Section 5. Packaging	
• Hose Sealing Device _____	12
• Hose Welding Device _____	13
• _____	
Section 6. Lifting, Transporting, Etc	
• Aluminum Transport Boxes _____	14
• Storage Equipment _____	14
• Couplings _____	14
• Pallet truck _____	14
• Others _____	15

[CLICK HERE FOR ACCESSING THE PICTURES](#)




CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
PROCESS EQUIPMENT				
351633		HVAC (1 Unit)	N/A	SYSTEMAIR;N/A; N/A
351628		Thermal Disinfection System - TDU Actini	N/A	Actini; 2016; FTL51
351955		Control System of the Decontamination unit	N/A	N/A; N/A; N/A
351629		Neutralization Tank B801 & Control Panel	N/A	Actini; N/A; N/A
351630	<i>reference as above</i>	Neutralization Tank B811	N/A	Actini; N/A; N/A
351631		Sewage Collection Tank B611 / Wastetank	N/A	Christen and Laudon; N/A; N/A

CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
351632		Sewage Collection Tank B621 / Wastetank	N/A	Christen and Laudon; N/A; N/A
351442		Temperature Control Unit For Ina311-B001	2009	LAUDA; TR250HK/DN32; HKS09033
351454	<i>reference as above</i>	Temperature Control Unit For Ina311-B301	2009	LAUDA; TR250HK/DN32; HKS09033
351457	<i>reference as above</i>	Temperature Control Unit For Ina311-B401	2009	LAUDA; TR250HK/DN32; HKS09033
351462	<i>reference as above</i>	Temperature Control Unit For Ina311-B001	2009	LAUDA; TR250HK/DN32; HKS09033
342161		Thermofisher single use bag system BIG size. Voltage: 220 VAC, 18 Max Amps: 15A Frequency: 50Hz Short Circuit Interrupting Current: 10kA Dry Weight: 521Kg Electrical Schematic Dwg#30-EE-IM1377	2016	Thermofisher; IM1377; IM366
399943		Single Bag Process Fermentor. Dry Weight: 420Kg	2016	Thermofisher; IM1382; IM365


CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
399944		<p>Single Bag Process Fermentor. Voltage: 400 VAC, 30 Max Amps: 15A Frequency: 50Hz Short Circuit Interrupting Current: 10kA Dry Weight: 535Kg Electrical Schematic Dwg # 30-EE-IM1380</p>	2016	Thermofisher; IM1380; IM367
399945		<p>Single Bag Process Fermentor. Dry Weight: 420Kg</p>	2016	Thermofisher; IMT1389; IM1363
399946		<p>Single Bag Process Fermentor. Voltage: 400 VAC, 30 Max Amps: 15A Frequency: 50Hz Short Circuit Interrupting Current: 10kA Dry Weight: 535Kg Electrical Schematic Dwg # 30-EE-IM1379</p>	2016	Thermofisher; IM1379; IM365
MOBILE TANK				
351799		<p>500l tank with drain in fork lifter frame (Nv400)</p>	1995	PITTON- GESSNER APPARATEBAU; Druckbehälter; 5363



CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
351801		500l tank with drain in fork lifter frame (Nv402)	2010	ECKHARDT + HEDDERICH GMBH; N/A; 1657
351914		Automatik Tank storage inkl. stelle frame and Robotic, Monitor, cabniat(self dismantling, actice)	1997	STÖCKLIN- SIEMAG; N/A; N/A
351824		Harvest/Detox Cauldron. Capacity 300 Liter.	2013	ECKHARDT + HEDDERICH GMBH; N/A; N/A
351840	<i>reference as above</i>	Harvest/Detox Cauldron. Capacity 300 Liter.	2013	ECKHARDT + HEDDERICH GMBH; N/A; N/A
351857		310litre vessel with GEMÜ drain valve (UF Storage Tank).	2015	EDELSTAHLBAU TANNRODA; N/A; N/A






CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
351858	<i>reference as above</i>	310litre vessel with GEMÜ drain valve (UF Storage Tank).	2015	EDELSTAHLBAU TANNRODA; N/A; N/A
351859	<i>reference as above</i>	310litre vessel with GEMÜ drain valve (UF Storage Tank).	2015	EDELSTAHLBAU TANNRODA; N/A; N/A
351851		Pressure Vessel 275 L Precipitation Tet	2013	EDELSTAHLBAU TANNRODA GMBH; N/A; 1357
342165		Stax Filter Holder	2014	N/A; N/A; N/A
GENERAL LAB EQUIPMENT				
342617		Centrifuge Roto Silenta with 3 sets of 316l ONE PIECE beakers DEVICE NEEDS NEW LID LOCK, Sale as Spare Part Holder	2009	ANDREAS HETTICH GMBH & CO.KG; Roto Silenta 630RS; 0000169







CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
342613		Roto Silenta with 5 sets of 6 stainless steel beakers	2012	ANDREAS HETTICH GMBH & CO.KG; Roto Silenta 630 RS; 226
352094		Centrifuge with 1 set beaker (This picture is just a reference)	2007	ANDREAS HETTICH GMBH & CO.KG; Rotofix 32 A 1206; 0001602
340858		Magnetic Stirrer	N/A	IKA; MIDI MR1; N/A
No. SAP Tagged	<i>update soon</i>	Magnetic Stirrer	N/A	N/A; N/A; N/A
No. SAP Tagged	<i>update soon</i>	Magnetic Stirrer	N/A	N/A; N/A; N/A
No. SAP Tagged	<i>update soon</i>	Magnetic Stirrer	N/A	N/A; N/A; N/A

CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
351737		Fermenter 3 1998	N/A	N/A; N/A; N/A
351755		Fermenter 2 1975	N/A	N/A; N/A; N/A
ANALYTICAL INSTRUMENTS				
341950		Filter Integrity Tester Flowstar Xc	2007	PALL GMBH FILTRATIONSTE CHNIK; Flowstar FFSXL; 13292026
341140		Filter Integrity Tester Flowstar Xc	2004	PALL GMBH FILTRATIONSTE CHNIK; FFSXC; 16 1780 26
352813		Filter Tester	2009	PALL GMBH FILTRATIONSTE CHNIK; Flowstar XC, 3.3c; 17 4139 26




CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
342571		Filter Tester	2009	PALL GMBH FILTRATIONSTE CHNIK; Flowstar XC, 3.3c; 15 4137 26
400434		Filter Integrity Tester Flowstar XC AQUA FIT with water tank and rack (this picture is just a reference)	2012	PALL GMBH FILTRATIONSTE CHNIK; AW02XC; 09050428
350801	<i>reference as above</i>	Filter Integrity Tester Flowstar XC AQUA FIT with water tank and rack	2010	PALL GMBH FILTRATIONSTE CHNIK; AW02XC; 09050428
350802	<i>reference as above</i>	Filter Integrity Tester Flowstar XC AQUA FIT with water tank and rack	2009	PALL GMBH FILTRATIONSTE CHNIK; AW02XC; 09050428
350803	<i>reference as above</i>	Filter Integrity Tester Flowstar XC AQUA FIT with water tank and rack	2009	PALL GMBH FILTRATIONSTE CHNIK; AW02XC; 09050428
350804	<i>reference as above</i>	Filter Integrity Tester Flowstar XC AQUA FIT with water tank and rack	2009	PALL GMBH FILTRATIONSTE CHNIK; AW02XC; 09050428
350806	<i>reference as above</i>	Filter Integrity Tester Flowstar XC AQUA FIT with water tank and rack	N/A	PALL GMBH FILTRATIONSTE CHNIK; AW02XC; 09050428
350807	<i>reference as above</i>	Filter Integrity Tester Flowstar XC AQUA FIT with water tank and rack	N/A	PALL GMBH FILTRATIONSTE CHNIK; AW02XC; 09050428
353864	<i>reference as above</i>	Filter Integrity Tester Flowstar XC AQUA FIT with water tank and rack	2009	PALL GMBH FILTRATIONSTE CHNIK; AW02XC; 09050428

CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
354217	<i>reference as above</i>	Filter Integrity Tester Flowstar XC AQUA FIT with water tank and rack	2003	PALL GMBH FILTRATIONSTECHNIK; AW02XC; 09050428
351913		Filter Tester	N/A	PALL GMBH FILTRATIONSTECHNIK; Flowstar XC, 3.3c; 16450726
350805		Filter Integrity Tester Flowstar (This picture is just a reference)	2009	PALL GMBH FILTRATIONSTECHNIK; N/A; 13 4207 26
353867	<i>reference as above</i>	Filter Integrity Tester Flowstar	2009	PALL GMBH FILTRATIONSTECHNIK; N/A; 13 4207 26
354214	<i>reference as above</i>	Filter Integrity Tester Flowstar	2009	PALL GMBH FILTRATIONSTECHNIK; N/A; 13 4207 26
354215	<i>reference as above</i>	Filter Integrity Tester Flowstar	2009	PALL GMBH FILTRATIONSTECHNIK; N/A; 13 4207 26
354216	<i>reference as above</i>	Filter Integrity Tester Flowstar	2009	PALL GMBH FILTRATIONSTECHNIK; N/A; 13 4207 26
354220	<i>reference as above</i>	Filter Integrity Tester Flowstar	2009	PALL GMBH FILTRATIONSTECHNIK; N/A; 13 4207 26
354219	<i>reference as above</i>	Filter Integrity Tester Flowstar	2009	PALL GMBH FILTRATIONSTECHNIK; N/A; 13 4207 26

CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
343144		Filter Integrity Tester	N/A	PALL GMBH FILTRATIONSTE CHNIK; Palltronic FFS02 ; 05 0131 26
343146		Filter Integrity Tester	N/A	PALL GMBH FILTRATIONSTE CHNIK; N/A; 19 3619 26
343912		Filter Integrity Tester	2004	PALL GMBH FILTRATIONSTE CHNIK; Palltronic Aqua WIT; 06 0231 28
343915		Filter Integrity Tester	2008	PALL GMBH FILTRATIONSTE CHNIK; Flowstar XC; 20371926
352287		Filter integrity tester	2005	PALL GMBH FILTRATIONSTE CHNIK; Flowstar XC; 07 2320 26

CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
352288		Filter integrity tester	2007	PALL GMBH FILTRATIONSTECHNIK; Flowstar XC; 12 3081 26
FT000034		Filter integrity tester	2005	PALL GMBH FILTRATIONSTECHNIK; Flowstar XC; 15191426
341186		Ph Meter	2009	KNICK ELEKTRONISCHE MESSGERÄTE; 765 Calimatic; 1776873
341189		Ph Meter	2009	KNICK ELEKTRONISCHE MESSGERÄTE; 765 Calimatic; 1879906
341660		Ph Meter	N/A	KNICK ELEKTRONISCHE MESSGERÄTE; N/A; 8128697/875
341663		Ph Meter	N/A	KNICK ELEKTRONISCHE MESSGERÄTE; 765 Calimatic; 1038930

CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
341667		Ph Meter	N/A	KNICK ELEKTRONISCHE MESSGERÄTE; 765 Calimatic; 1894534
341991		Ph Meter	2007	WTW; inoLab pH 730P; 06501142
341488	<i>update soon</i>	Product Circulation Pump	N/A	N/A; N/A; N/A
PACKAGING EQUIPMENT				
341803		Hose Sealing Device	2006	WAVE BIOTECH AG; ReeSealer; RS 10043
352172	<i>reference as above</i>	Hose Sealing Device	2008	SARTORIUS AG; BioSealer; RS 10602
352181	<i>reference as above</i>	Hose Sealing Device	N/A	SARTORIUS AG; BioSealer; RS 10602
352182	<i>reference as above</i>	Hose Sealing Device	N/A	SARTORIUS AG; BioSealer; RS 10602
352183	<i>reference as above</i>	Hose Sealing Device	N/A	SARTORIUS AG; BioSealer; RS 10602
352184		Hose Sealing Device	N/A	SARTORIUS AG; BioSealer; RS 10417
352185	<i>reference as above</i>	Hose Sealing Device	N/A	SARTORIUS AG; BioSealer; RS 10417

CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
352193		Hose Sealing Device	2014	SARTORIUS AG; N/A; RS 11533
352908		Hose Sealing Device	2006	WAVE BIOTECH AG; ReeSealer(Handheld); RS10087
352173		Hose Welding Device	N/A	SARTORIUS AG; BioWelder; RW 1692
352175	<i>reference as above</i>	Hose Welding Device	N/A	SARTORIUS AG; BioWelder; RW 1692
352177	<i>reference as above</i>	Hose Welding Device	N/A	SARTORIUS AG; BioWelder; RW 1692
352179	<i>reference as above</i>	Hose Welding Device	N/A	SARTORIUS AG; BioWelder; RW 1692

CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
342659		Hose Welding Device	N/A	SARTORIUS AG; BioWelder; RW 1800
TRANSPORTING, LIFTING ETC				
non SAP tagged Eq.		16 Mobile Aluminum Boxes	N/A	Zarges; N/A; N/A
non SAP tagged Eq.		Storage Equipment (Shelves, Cupboard)	N/A	N/A; N/A; N/A
No. SAP Tagged		Staebli couplings with TC connections set	N/A	N/A; N/A; N/A
No. SAP Tagged		Pallet truck 2 tons stainless steel	N/A	N/A; N/A; N/A
No. SAP Tagged	<i>reference as above</i>	Pallet truck 2 tons standard	N/A	N/A; N/A; N/A

CODE	PICTURES	DESCRIPTION	YOM	BRAND / MODEL / SN
No. SAP Tagged	<i>update soon</i>	Camp Equipment	N/A	N/A; N/A; N/A
No. SAP Tagged	<i>update soon</i>	Bearing Frame Boiler Number : 6	N/A	N/A; N/A; N/A
No. SAP Tagged	<i>SPARE PARTS</i>	Spare parts H12/M537 - pumps, S7 components	N/A	N/A; N/A; N/A
No. SAP Tagged	<i>SPARE PARTS</i>	Spare Parts Centrifuge	N/A	N/A; N/A; N/A
4047954	<i>SPARE PARTS</i>	Valve 514 15D6034101 1RB4060108	N/A	N/A; N/A; N/A
4032734	<i>SPARE PARTS</i>	Agitator Shaft for fluid EM2040	N/A	N/A; N/A; N/A
4038324	<i>SPARE PARTS</i>	Grundfos Pump TP 40-120/2 A-F-A-BC	N/A	Grundfos;N/A; N/A
4039589	<i>SPARE PARTS</i>	Rotary Piston Actuator SAF 015	N/A	N/A; N/A; N/A
4013642	<i>SPARE PARTS</i>	O-RING EPDM 90x5	N/A	N/A; N/A; N/A
4013737	<i>SPARE PARTS</i>	O-RING FKM 9x3,5	N/A	N/A; N/A; N/A
4014284	<i>SPARE PARTS</i>	Pump CRNE 10-22 E-FGJ-GX-E HQQE 7	N/A	N/A; N/A; N/A
4014300	<i>SPARE PARTS</i>	Centrifugal Pump KSB GN 032-250.1/154	N/A	N/A; N/A; N/A
4014418	<i>SPARE PARTS</i>	ST S7 CPU 6ES7317-2AK14-0AB0	N/A	N/A; N/A; N/A
4012713	<i>SPARE PARTS</i>	Metaglas Step Glass DN80	N/A	N/A; N/A; N/A
4013663	<i>SPARE PARTS</i>	O-RING EPDM 716x7	N/A	N/A; N/A; N/A
4014367	<i>SPARE PARTS</i>	ST Panel PC 6AV7873-0AE32-1AC0-PC67	N/A	N/A; N/A; N/A
4014400	<i>SPARE PARTS</i>	ST S7 CPU 6ES7416-2XK02-0AB0	N/A	N/A; N/A; N/A