

Recommended Spare Parts List
Model 17i Ammonia Analyzer

Manufacturer p/n	Cemtrex p/n	Description
100480-00	20-266-1001	Keypad Membrane Assembly
101491-19	20-195-1000	Processor Board
100533-00	20-266-1002	Mother Board
100539-00	20-266-1004	Digital Output Board
100542-00	20-266-1005	I/O Expansion Board (optional)
102340-00	20-266-1049	Front Panel Connector Board
102496-00	20-266-1050	Front Panel Display
101399-00	20-266-1036	Analyzer Transformer, 220-240VAC (Optional)
103813-00	20-195-1001	Converter Transformer, 220-240VAC (Optional)
101863-00	20-266-1045	Analyzer Transformer, 100VAC (Optional)
100536-00	20-195-1002	Measurement Interface Board
100856-00	20-266-1008	Temperature Control Board (Molybdenum Converter)
103729-00	20-195-1003	Temperature Control Board (Nt Converter)
101167-00	20-195-1004	Input Board Assembly
9973	20-227-1005	Ozonator Assembly
101419-00	20-227-1001	Ozonator Transformer
101023-00	20-266-1015	Pressure Transducer Assembly
101021-00	20-266-1014	Flow Transducer (Sample)
101620-00	20-266-1040	Flow Switch (Ozone)
9367	20-266-1088	Photomultiplier Tube (PMT)
101024-00	20-266-1016	PMT High Voltage Power Supply
101324-00	20-266-1026	PMT Base Socket Assembly
101390-00	20-320-0071	Solenoid Valve
101020-00	20-266-1013	Cooler Assembly
102648-05	20-195-1005	Reaction Chamber Assembly
101009-00	20-227-1007	NO ₂ -to-NO Converter Assembly (Molybdenum 110VAC)
9269	20-251-4606	Molybdenum Converter Core Assembly
114449-00	20-195-1006	NH ₃ Converter Heater Assembly
10155	20-195-1007	NH ₃ Converter Core Assembly
101011-00	20-195-1008	Pump 100VAC w/Plate and Fittings
9267	20-195-1009	Pump Repair Kit (for 101011-00)
9456	20-195-1010	Pump 115VAC, 60Hz
8079	20-195-1011	Pump 115VAC, 50Hz
9457	20-195-1012	Pump 220VAC, 50Hz
8500	20-232-0018	Pump 220VAC, 60Hz
8080	20-195-1013	Pump 100VAC, 50-60Hz
9464	20-320-0072	Pump Repair Kit
101055-00	20-266-1024	Assembly, Power Receptical
101681-00	20-266-1041	Power Supply, 24vdc
100907-00	20-266-1010	Fan, 24vdc

8630	20-148-1000	Fan Filter
101905-00	20-541-0015	Fuse, 250VAC, 4.0 Amp, SlowBlow (for 100VAC and 110VAC analyzer models)
101904-00	20-266-1046	Fuse, 250VAC, 2.0 Amp, SlowBlow (for 220-240VAC analyzer models)
103955-00	20-195-1014	Fuse, 250VAC, 7.0 Amp, SlowBlow (for 100VAC and 110VAC converter models)
103894-00	20-195-1015	Fuse, 250VAC, 3.15 Amp, SlowBlow (for 220-240VAC converter models)
101688-00	20-266-1042	Thermistor with Ambient Temperature Connector, Assy
101680-00	20-320-0074	Ammonia Scrubber
101016-00	20-547-0012	Ozone Cleanser (Option)
10169	20-266-1043	Ceramic Heater (Converter Module)
4119	20-547-0001	Capillary 0.008-inch ID
4121	20-320-0070	Capillary 0.01-inch ID
9212	20-547-0007	Capillary O-Ring
6556	20-320-0073	Optical Filter Kit (Red Filter, Quartz Window, Rubber Washer)
6998	20-251-4604	Desiccant (Drierite®)
101349-00	20-266-1029	AC Power Cable (115VAC, US)
8926	20-195-1016	AC Power Cable (220VAC, EU)
103299-00	20-195-1017	Umbilical cord between analyzer and converter
101036-00	20-266-1018	DC Power Supply 24V Output
101037-00	20-266-1019	115VAC Supply to Interface Board
101048-00	20-266-1021	RS-485/Data
101038-00	20-266-1020	AC Power Switch to Motherboard
101364-00	20-266-1033	DC Power Supply Status Monitor
101054-00	20-266-1023	Motherboard to Front Panel Board
101035-00	20-266-1017	DC Power Supply AC Input
101033-00	20-195-1018	AC from Receptacle
101377-00	20-266-1034	AC to Power Switch
101267-00	20-266-1025	Fan Power Cable
101346-00	20-266-1028	Temperature Control (analyzer and converter)
101355-00	20-195-1019	Signal Output Ribbon
101050-00	20-266-1022	Heater Power
101055-00	20-266-1024	Assembly, Power Receptical
102057-00	20-195-1020	AC to External Pump
103399-00	20-195-1021	NH3 Converter AC Power (from front panel switch to temp control board in 115V version)
102562-00	20-195-1022	Terminal Block and Cable Kit (DB25) (optional)
102556-00	20-195-1023	Terminal Block and Cable Kit (DB37) (optional)
102645-00	20-266-1053	Cable, DB37M to Open End Cable, Six Feet (optional)
102646-00	20-195-1024	Cable, DB37F to Open End, Six Feet (optional)
102659-00	20-195-1025	Cable, DB25M to Open End, Six Feet (optional)
6219	20-290-0023	Cable, RS-232 (optional)

102888-00	20-266-1054	Terminal Board PCB Assembly, DB37F (standard with all instruments)
102891-00	20-266-1055	Terminal Board PCB Assembly, DB37M (standard with all instruments)
103084-00	20-266-1056	Terminal Board PCB Assembly, DB25M (optional) Included with optional I/O Expansion Board in all instruments.