

B3500c / B3500dw / B3500s Major Components

Analysis Enclosure

Figure 1, figure 2 and table 2 below shows the typical major analysis enclosure components of BioTector TOC Analyzer.

Figure 1 BioTector analysis enclosure major components (typical TIC & TOC system)

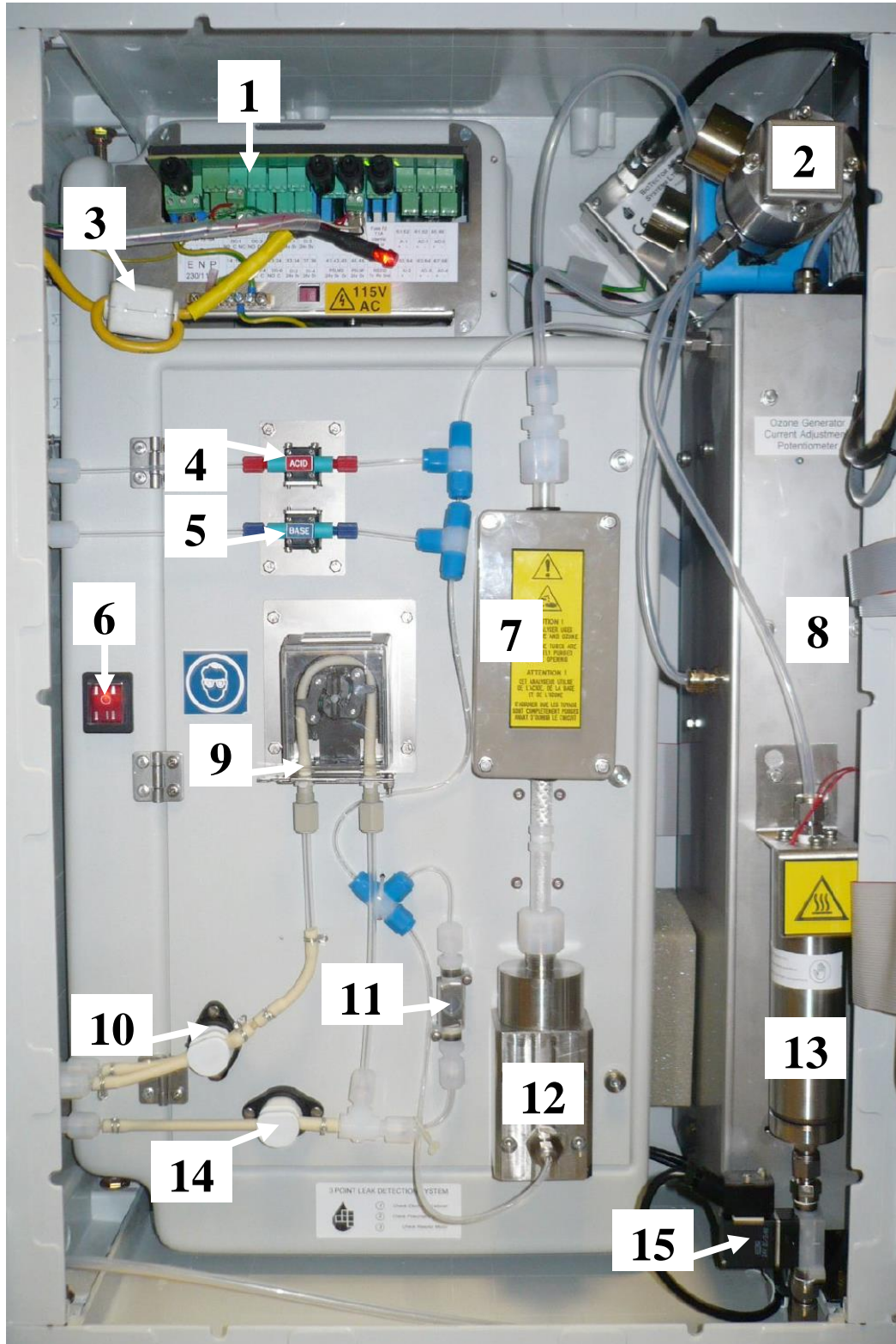


Figure 2 BioTector oxygen concentrator enclosure major components

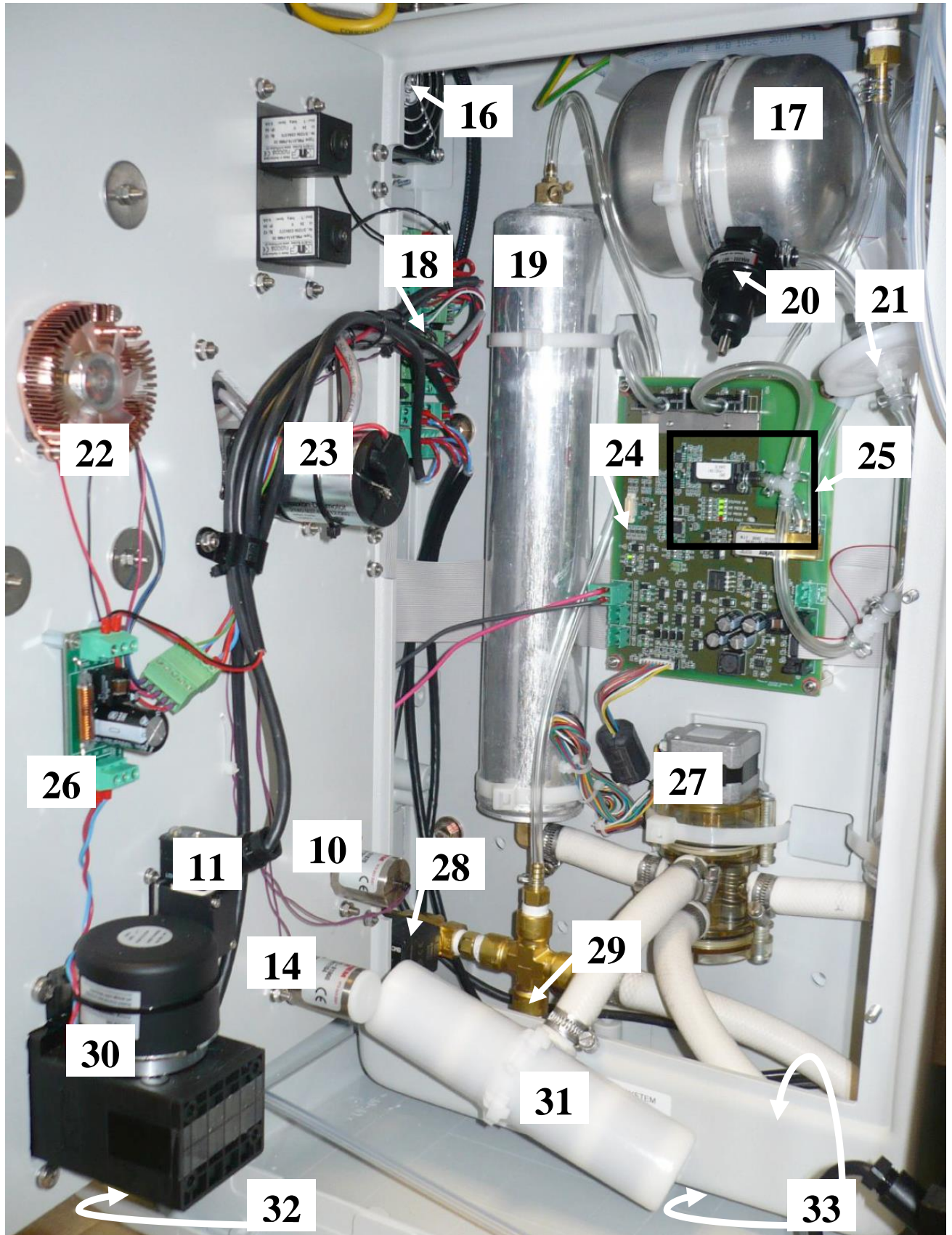


Table 2 BioTector major components

1	Power and Input/Output Board	20-B5C-013
2	NDIR CO ₂ Analyzer	20-CO2-008
3	Ferrite	10-FAR-065
4	Acid Pump, P3	20-B5C-019
5	Base Pump, P4	20-B5C-020
6	Main Power Switch	10-FAR-044
7	Cooler	Cooler Kit 19-B5C-026
8	Ozone Generator	Complete 19-B5C-025
9	Sample Pump, P1	19-MAX-008
10	Manual Grab Sample/Calibration Valve, MV5 or Multi-stream Valve, MV6	19-B5C-017
11	Reactor Valve, MV3	19-B5C-015
12	Mixer Reactor	19-B5C-009
13	Ozone Destructor	19-B5C-007
14	Sample Valve, MV4	19-B5C-016
15	Exhaust Valve, MV1	19-B5C-014
16	Fan	19-B5C-022
17	Oxygen (O ₂) Tank	10-DVB-001
18	Termination Board	20-PCB-038
19	Molecular Sieve Bed	10-DVB-013
20	Oxygen Pressure Regulator	10-DVB-012
21	Hepa Filter	10-KBS-003
22	Cooler Fan	10-ENZ-001
23	Sample Pump Motor	
24	Oxygen (O ₂) Controller Board	20-PCB-036
25	Mass Flow Controller (MFC)	Soldered part 20-PCB-036
26	Filter Board	19-PCB-025
27	Rotary Valve, OV2	20-B5C-011
28	Air Isolation Valve, OV1	10-SMC-002
29	Pressure Relief Valve	10-DVB-024
30	Reactor Motor, P2	19-BAS-015
31	Exhaust Filter	10-DVB-005
32	Mixer Reactor Liquid Leak Detector	Part of 19-BAS-015
33	Inner and Outer Enclosure Liquid Leak Detector	Not for resale

4.1.2 Motherboard Enclosure

Figure 3 and table 3 below shows the BioTector motherboard enclosure components.

Figure 3 BioTector motherboard enclosure components



Table 3 BioTector motherboard components

1	Motherboard	19-PCB-050
2	Battery (CR2430, Lithium, 3V, 285mAh)	Not for resale
3	Processor Board	Included in 19-PCB-050
4	MMC/SD Flash Memory Card Slot and Memory Card	Not for resale