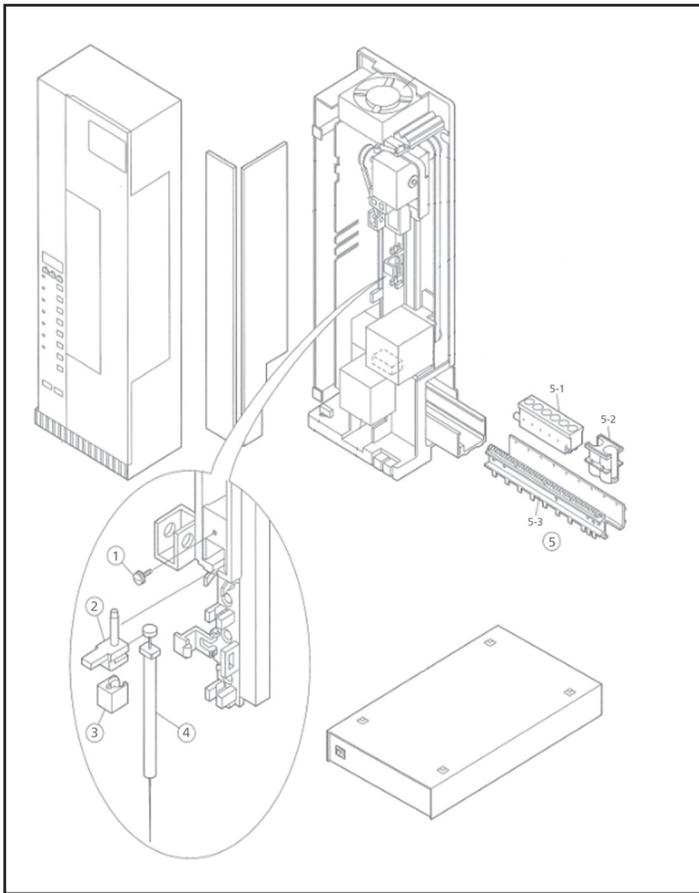


Gas Chromatograph

GC Autosamplers Consumables



AOC-20i/s Autoinjector/Autosampler



Diag.

- 1) Hand Screw, M3N-1
- 2) Plunger Holder, 5pcs
- 3) Hand Screw, 5pcs
- 4) Micro Syringe
- 5) Short Turret, set
- 5-1) 1.5mL Vial Case
- 5-2) 4mL Vial Case
- 5-3) Short Turret

Diag. #	Part #	Description	Notes
1	037-02820-00	Plunger holder knob	Bellows knob N-1 with M3 x 10
2	221-45177-91	Plunger holder	Holds plunger, 5/pk
3	221-45178-91	Barrel holder	Holds syringe barrel, 5/pk
5	221-45610-91	Short rack assy with vial holder	Short rack kit with 6 sample holder and one wash/waste holder, for AOC-20i w/o AOC-20s
5	221-45622-91	Long rack assy with vial holder	Long rack with 12 sample holders, wash/waste station and stabilizing bracket
5-1	221-45609-91	Small vial holder for AOC-20i	Six-position vial holder for 1.5-2mL vials
5-2	221-32949-01	Large vial holder for AOC-20i	Two-position vial holder for 4mL vials, used with AOC-20i
5-2	221-45182-00	Large vial holder for AOC-20i with AOC-20s	Two-position vial holder for 4mL vials, used with AOC-20i/s set-up
5-3	221-45608-91	Short rack	Short rack with no vial holders, can hold upto 6 samples
	221-48989-91	Barrel clip	Holds syringe in place in the barrel holder assy
	221-44567-00	Syringe barrel assy	Plastic piece syringe fits into
	221-45181-00	Small vial holder for AOC-20i with AOC-20s	Two-position vial holder for 1.5-2mL vials, used with AOC-20i and AOC-20s
	221-44709-91	1.5mL vial rack for AOC-20s	25-position vial holder for 1.5-2mL vials
	221-44710-91	4mL vial rack for AOC-20s	Vial holder for 4mL vials
	221-44998-91	1.5mL cooled vial rack kit for AOC-20s	Five 25-position vial holder cooling racks with tubing
	221-46046-92	Arm rebuild kit	Arm assy for AOC-20s (old color arm with instructions and rom chip)
	221-74261-91	Arm rebuild kit	Arm assy for AOC-20s (new color arm with instructions)
	221-47173-92	Barcode reader	

Mounting Hardware

Part #	Description	Notes
221-44548-91	Mount kit for AOC-20i, GC-17	Mounting hardware for AOC-20i to GC-17
221-44549-91	Mount kit for AOC-20i, GC-14	Mounting hardware for AOC-20i to GC-14
221-44548-93	Mount kit for AOC-20i, GC-2010 series/QP-2010 series	Mounting hardware for AOC-20i to GC-2010
221-44548-94	Mount kit for AOC-20i, GC-2014	Mounting hardware for AOC-20i to GC-2014
221-44486-00	Mount kit for AOC-20s, GC-2010	Mounting hardware for AOC-20s to GC-2010
225-10681-91	Mount kit for AOC-20s, GCMS	Mounting hardware for AOC-20s to GCMS

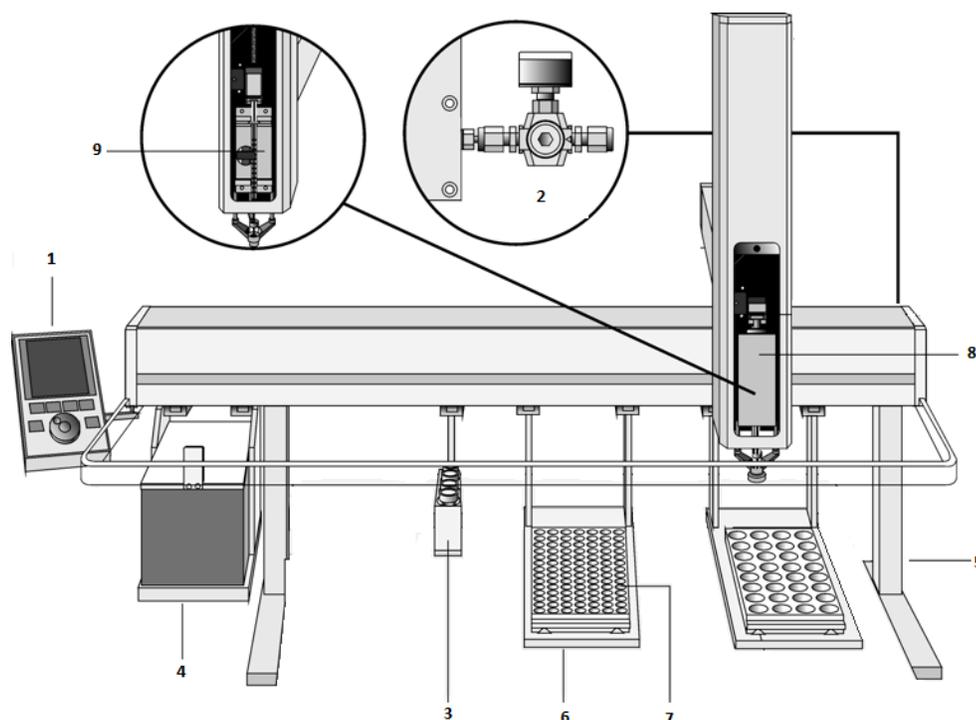
Connection Cables

Part #	Description	Notes
221-49794-91	Power/Communication cable	Cable that connects AOC-20i or AOC-20s to the AOC power supply
221-48405-91	GC ready/start cable	Short cable that connects AOC-20 internal power supply to GC-2010/2014 CPU
221-48405-92	GC ready/start cable	Long cable that connects AOC-20 external power supply to GC-2010/2014, GC-14, GC-17 CPU
221-48406-91	RS-232C cable for AOC	Short cable that connects AOC-20 internal power supply to GC-2010/2014 CPU
221-48406-92	RS-232C cable for AOC	Long cable that connects AOC-20 external power supply to GC-2010/2014, GC-14, GC-17 CPU

Syringes

Diag. #	Part #	Description	Notes
4	220-90624-00	Syringe, 10uL teflon tip	AOC-20i syringe with teflon tip, needle length 42mm
4	221-34618-00	Syringe, 10uL	AOC-20i syringe no teflon tip, metal plunger, needle length 42mm
4	220-94879-00	Syringe, 10uL gas tight	AOC-20i syringe with teflon tip, gas tight, needle length 42mm
4	220-90282-20	Syringe, 10uL removable needle	AOC-20i syringe with removable needles, 0.63mm (23 gauge), needle length 42mm
4	220-90281-20	Removable needles, 0.63	Removable needles 0.63mm for 220-90282-20
4	220-90282-23	Removable needles, 0.63/0.47	Removables needles dual gauge (0.63/0.47mm) OCI for 220-90282-20
4	220-90282-21	Syringe, 10uL removable needle	AOC-20i syringe with removable needles, 0.47mm (26 gauge), needle length 42mm
4	220-90282-21	Removable needles, 0.47	Removables needles 0.47mm for 220-90282-21
4	221-37282-02	Syringe, 10uL for OCI	AOC-20i syringe for OCI, 0.47mm
4	221-45243-00	Syringe, 50uL	AOC-20i syringe 50uL, needle length 42mm
4	221-45244-00	Syringe, 250uL	AOC-20i syringe 250uL, needle length 42mm
4	221-75173-00	Syringe, 5uL	AOC-20i syringe 5uL, 063mm needle

AOC-5000 Sample Injection System



- Diag. #**
- 1) Terminal Controller
 - 2) Flush Gas Regulator
 - 3) Wash/Waste Station
 - 4) Agitator
 - 5) Mounting Hardware
 - 6) Tray Set
 - 7) Tray
 - 8) Headspace Sryinge Kit
 - 9) Liquid Syringe Kit

Diag. #	Part #	Description	Notes
1	220-90961-00	Terminal controller	Used to control the AOC-5000 without software
1	220-90961-01	Terminal Controller for -xt model	Use to control the AOC-5000 Plus without software
2	220-90962-00	Flush gas regulator	Used to control the incoming flush gas pressure
3	220-94500-47	Wash/Waste station	Holds 5 vials, typically two wash, two waste and one internal standard
4	220-94500-65	Agitator	6-position AOC-5000 agitator
	220-90973-00	AOC-5000 mount hardware for GC-2010 series	Mount kit includes: mounting brackets, screws, target ring, ready/start cable and instructions
	220-94500-43	AOC-5000 mount hardware for GC-2014	Mount kit includes: mounting brackets, screws, target ring, ready/start cable and instructions
	220-94500-64	AOC-5000 mount hardware for GC-14	Mount kit includes: mounting brackets, screws, target ring, ready/start cable and instructions
	220-90972-00	AOC-5000 mount hardware for GC-17	Mount kit includes: mounting brackets, screws, target ring, ready/start cable and instructions
	220-90963-00	Power supply	external power control box
	220-90966-00	Injection unit magnetic transport ring	red ring on bottom of syringe carriage unit used to transport vials
	220-94500-07	AOC-5000 needle guide	Used with GC-2010 series and GC-2014
	220-94500-08	AOC-5000 needle guide	Used with GC-17
	220-94500-49	Agitator inserts for 2.0mL vials	Used to raise vials in the agitator
	220-94500-55	Agitator inserts for 10mL vials	Used to raise vials in the agitator
	220-90974-00	Preventative Maintenance Kit for AOC-5000	Preventative maintenance kit includes: two tension cords for Z-head unit, Agitator o-ring, Pal grease, wash/waste vials and instructions
	220-97828-00	Tension Cord	Tension cord, short (inside of injection head to bottom of needle guide) for replacement; when purchasing this part, you must also order 1 of 220-90968-00
	220-90968-00	Tension Cord	Tension cord, long (top of injection head to bottom of syringe carriage unit) for replacement; when purchasing this part, you must also order 1 of 220-97828-00
	220-91323-00	AOC-5000 tool kit	Special Torx tool set for use with AOC-5000/SIL-5000 series
	220-90778-05	Barcode reader	

Mounting Hardware

Diag. #	Part #	Description	Notes
5	220-90973-00	AOC-5000 mount hardware for GC-2010 series	Mount kit includes: mounting brackets, screws, target ring, ready/start cable and instructions
5	220-94500-43	AOC-5000 mount hardware for GC-2014	Mount kit includes: mounting brackets, screws, target ring, ready/start cable and instructions
5	220-94500-64	AOC-5000 mount hardware for GC-14	Mount kit includes: mounting brackets, screws, target ring, ready/start cable and instructions
5	220-90972-00	AOC-5000 mount hardware for GC-17	Mount kit includes: mounting brackets, screws, target ring, ready/start cable and instructions

Tray Sets

Diag. #	Part #	Description	Notes
6	220-94500-36	Tray/Trayholder Set for 1.0mL vials	76mm Tray Holder with 200 vial capacity tray for use with 0.7/1.0mL vials
6	220-94500-37	Tray/Trayholder Set for 2.0mL vials	76mm Tray Holder with 98 vial capacity tray for use with 2mL vials
6	220-94500-38	Tray/Trayholder Set for 10mL vials	76mm Tray Holder with 32 vial capacity tray for use with 10mL vials
6	220-94500-39	Tray/Trayholder Set for 10/20mL vials	114mm Tray Holder with 32 vial capacity tray for use with 10 or 20mL vials (standard set supplied with Combi/Combi -xt)
6	220-94500-40	Tray/Trayholder Set for 2.0mL vials	114mm Tray Holder with 98 vial capacity tray for use with 2mL vials (standard set supplied with Combi/Combi -xt)

Trays

Diag. #	Part #	Description	Notes
7	220-91300-00	Tray for 1mL vials	200 vial capacity tray for 0.7/1.0mL vials only
7	220-94500-32	Tray for 2mL vials	Double-sided tray: 98 vial capacity tray for 2mL vials or 78 vial capacity for special 0.7/1.0mL vials
7	220-94500-33	Tray for 10/20mL vials	Double-sided tray: 32 vial capacity tray for 10/20mL vials or 21 vials for special 2mL vials
7	220-94500-72	Custom tray for GHG evacuated vials	Tray built for use with Labco EXETAINER vials

Syringe Kits

Diag. #	Part #	Description	Notes
8	220-94500-09	1.2uL Liquid Syringe Kit	Kit contains two 1.2uL liquid syringes, syringe holder and plunger holder
8	220-94500-11	5.0uL Liquid Syringe Kit	Kit contains two 5.0uL liquid syringes, syringe holder and plunger holder
8	220-94500-70	10uL Liquid Syringe Kit	Kit contains two 10uL liquid syringes, syringe holder and plunger holder
8	220-94500-15	25uL Liquid Syringe Kit	Kit contains two 25uL liquid syringes, syringe holder and plunger holder
8	220-94500-17	100uL Liquid Syringe Kit	Kit contains two 100uL liquid syringes, syringe holder and plunger holder
8	220-94500-19	250uL Liquid Syringe Kit	Kit contains two 250uL liquid syringes, syringe holder and plunger holder
8	220-94500-21	500uL Liquid Syringe Kit	Kit contains two 500uL liquid syringes, syringe holder and plunger holder
9	220-94500-01	5.0mL Headspace Syringe Kit	Kit contains one 5.0mL headspace syringe, heated syringe holder, plunger holder and o-ring for syringe
9	220-94500-03	2.5mL Headspace Syringe Kit	Kit contains one 2.5mL headspace syringe, heated syringe holder, plunger holder and o-ring for syringe
9	220-94500-06	1.0mL Headspace Syringe Kit	Kit contains one 1.0mL headspace syringe, heated syringe holder, plunger holder and o-ring for syringe
	220-90778-06	SPME Syringe Kit	Kit contains SPME fiber holder, set of five fibers, standard, SPME syringe holder, plunger holder and instructions

| Syringe Holders (AOC-5000)

Part #	Description	Notes
220-94500-61	Syringe Heater for 1.0mL HS syring	Syringe heater unit only
220-94500-62	Syringe Heater for 2.5mL HS syring	Syringe heater unit only
220-94500-63	Syringe Heater for 5.0mL HS syring	Syringe heater unit only
220-94776-01	1.0mL and 5mL Headspace Syringe Plunger	Syringe plunger only
220-94776-02	2.5mL Headspace Syringe Plunger	Syringe plunger only

| Syringes (AOC-5000)

Part #	Description
220-94500-05	1.0mL Headspace Syringe
220-94500-04	2.5mL Headspace Syringe
220-94500-02	5.0mL Headspace Syringe
220-94500-10	1.2uL Liquid Syringe
220-94500-12	5.0uL Liquid Syringe
220-94500-71	10uL Liquid Syringe
220-94500-16	25uL Liquid Syringe
220-94500-18	100uL Liquid Syringe
220-94500-20	250uL Liquid Syringe
220-94500-22	500uL Liquid Syringe

Vials

Part #	Description	Notes
220-91498-00	1.5mL vials, clear glass	Prominence 9mm snap top, blue caps with integrated white PTFE/silicone septa, 100/pk
228-45450-91	1.5mL vials, clear glass	Prominence 9mm screw top, blue caps with integrated white PTFE/silicone septa, 100/pk
228-45451-91	1.5mL vials, clear silanized glass	Prominence 9mm screw top, blue caps with integrated white PTFE/silicone septa, 100/pk
228-45452-91	1.5mL vials, amber glass	Prominence 9mm screw top, blue caps with integrated white PTFE/silicone septa, 100/pk
228-45453-91	1.5mL vials, amber silanized glass	Prominence 9mm screw top, blue caps with integrated white PTFE/silicone septa, 100/pk
228-45454-91	Replacement cap/septa for 1.5mL Prominence screw top vials	Caps and septa for Prominence 9mm screw top vial, 1000/pk
220-91521-04	Vial inserts, 200uL	200uL insert for Prominence 9mm screw top vial, 100/pk
220-91521-03	1.5mL vial, clear glass with fused insert	Prominence 9mm screw top 200uL Q-sert, blue caps with integrated white PTFE/silicone septa, 100/pk (only Q-sert vial caps/septa will work)
220-91521-04	Replacement cap/septa for Q-sert vials	Caps and septa for Prominence 9mm screw top 200uL Q-sert vial, 100/pk
220-91521-08	4mL vials, clear glass	Screw top, black cap with integrated white PTFE/silicone septa, 100/pk
220-91521-09	4mL vials, amber glass	Screw top, black cap with integrated white PTFE/silicone septa, 100/pk
220-91521-14	Replacement cap/septa for 4mL screw top vials	Caps and septa for 4mL screw top vial, 1000/pk
228-21284-91	Vial inserts, 300uL with spring	300uL insert with spring on bottom for 4mL screw top vial, 100/pk
228-21285-91	Vial inserts, 300uL	300uL insert without spring on bottom for 4mL screw top vial, 100/pk
220-91521-01	1.5mL vials, clear MT-IT	1.5mL MT-IT center draining 9mm vial, blue screw cap with integrated white PTFE/silicone septa, 100/pk
220-91521-02	1.5mL vials, amber MT-IT	1.5mL MT-IT center draining 9mm vial, blue screw cap with integrated white PTFE/silicone septa, 100/pk
228-45454-91	Replacement cap/septa for 1.5mL MT-IT	Caps and septa for MT-IT center draining 9mm screw top vial, 1000/pk
220-91521-10	4mL vials, clear glass	4mL MT-ITTM center draining vial, black screw cap with white integrated PTFE/silicone septa, 100/pk
220-91521-11	4mL vials, amber glass	4mL MT-ITTM center draining vial, black screw cap with white integrated PTFE/silicone septa, 100/pk
220-91521-14	Replacement cap/septa for	Caps and septa for MT-ITTM center draining 4mL screw top vial, 1000/pk
228-15652-92	1.5mL vials, borosilicate glass	1.5mL borosilicate screw top vials, skirted polypropylene caps with red PTFE/beige silicone septa, 100/pk
220-90384-00	Replacement cap	1.5mL vial caps, 100/pk
221-34271-92	Replacement septa, 8mm	1.5mL vial septa, 100/pk
038-00165-06	Replacement vials	1.5mL borosilicate screw top vials, 100/pk
220-91521-08	4mL vials, borosilicate glass	4mL borosilicate screw top vials, skirted polypropylene caps with red PTFE/beige silicone septa, 100/pk
220-94500-66	Wash station vial kit	Wash vials, caps and septa for vials in the wash/waste station
220-94796-07	10mL Screw cap headspace vials	Screw cap top, vials only
220-94796-01	20mL Screw cap headspace vials	Screw cap top, vials only
220-94796-02	Caps and septa for 10/20ml headspace vials	Caps and septa for the screw cap vials
220-94562-00	10ml Crimp-top headspace vial kit	Kit with vials, caps and septa
220-94563-00	20ml Crimp-top headspace vial kit	Kit with vials, caps and septa
220-94564-00	Manual crimper for headspace vials	
220-94565-00	Manual decrimper for headspace vials	

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