

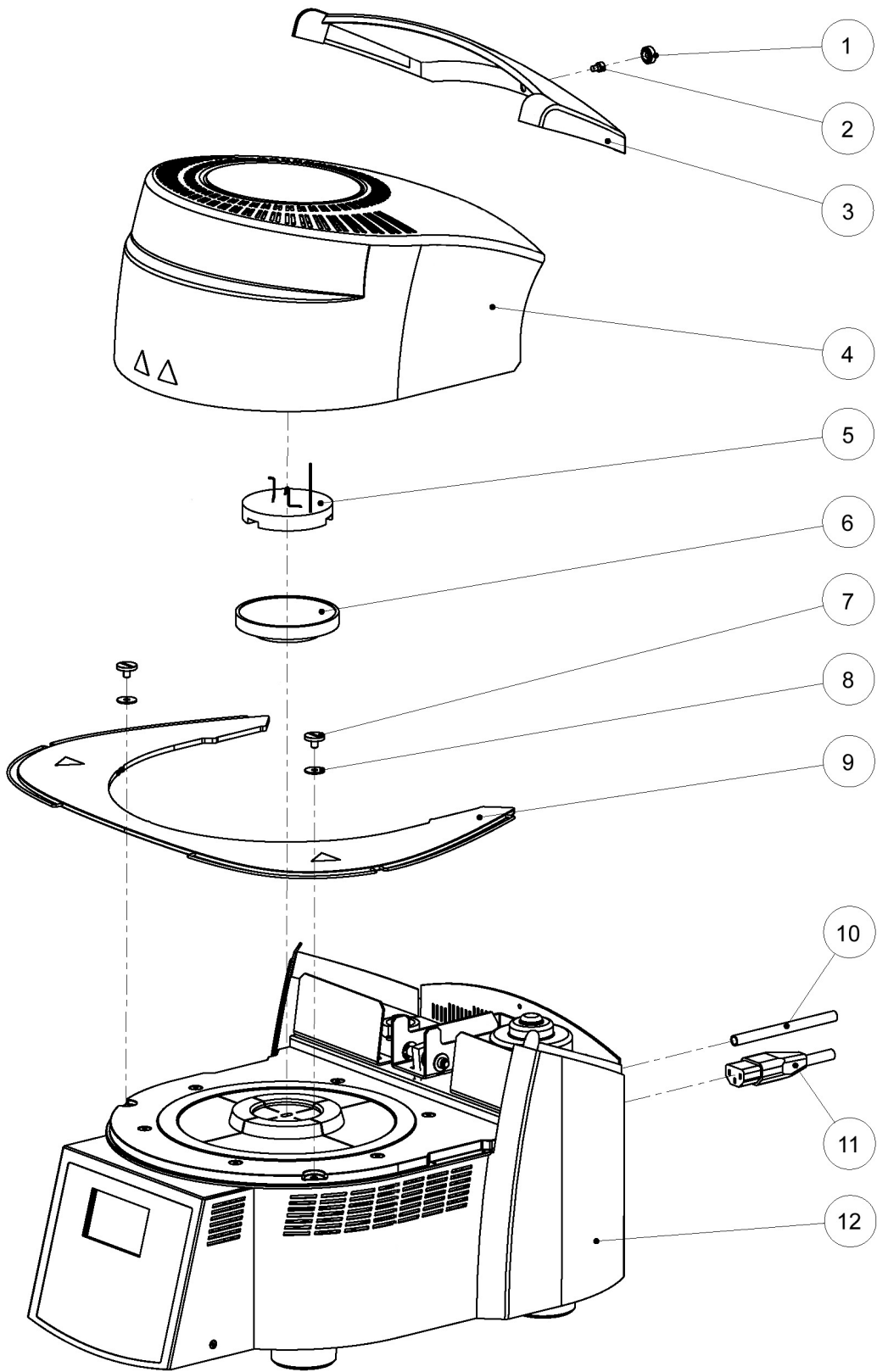
Spare part list
Ersatzteilliste
Liste des pièces de rechange
Lista pezzi di ricambio
Lista despiece

Programat P300

597186 - Rev. 01



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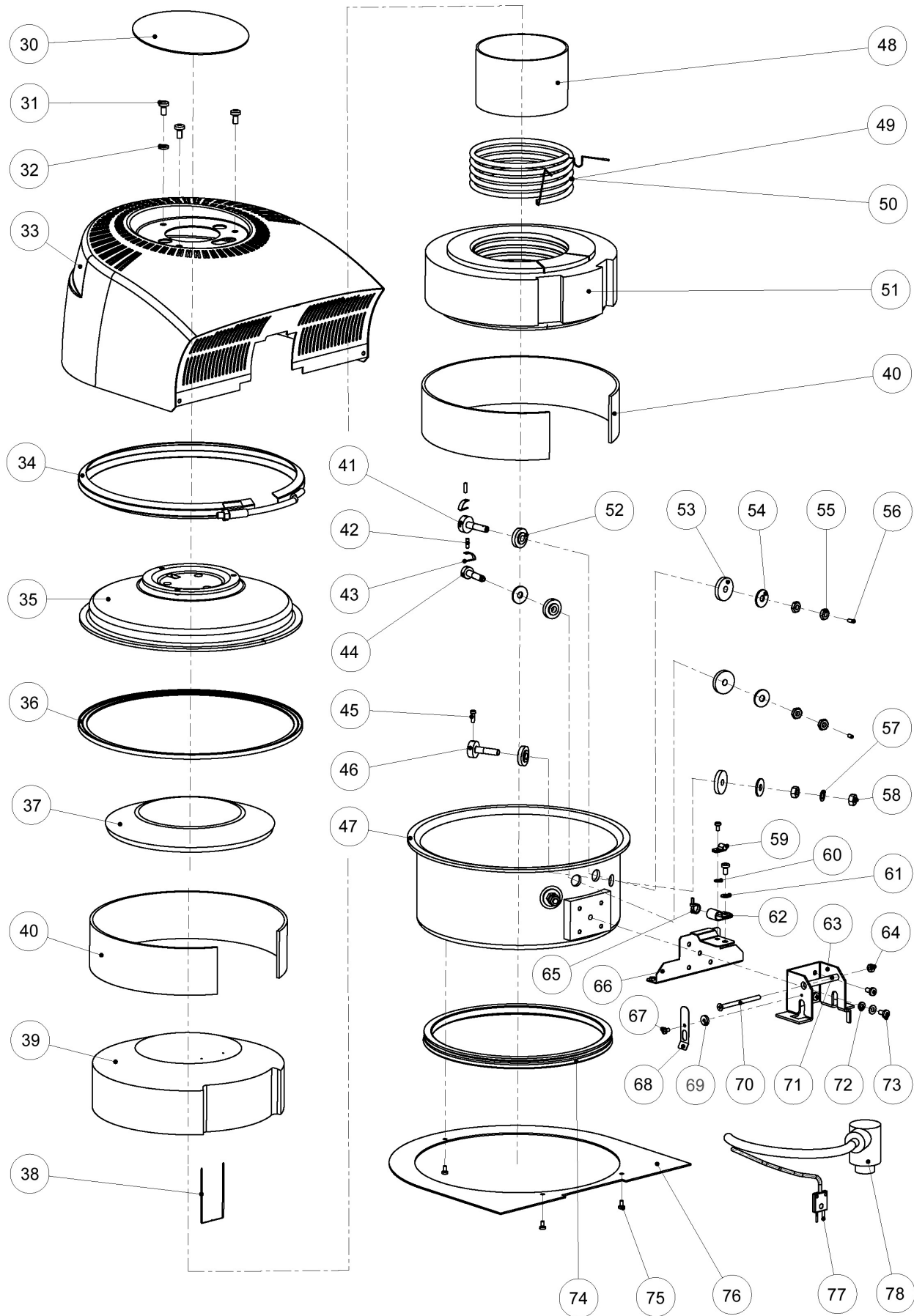
Programat P300

Type P300
 Typ P300
 Type P300

Tipo P300
 Tipo P300

597186 - Rev.01

Pos	Part no.	Description	Gegenstand	Désignation	Descrizione	Descripción
3	604 603	Covering hood	Abdeckhaube	Capot	Copertura	Tapa
4	---	Furnace head cpl. (see page 4)	Ofenkopf kpl. (Siehe Seite 4)	Moufle couvercle cplt. (voir page 4)	Cappa cpl. (vedi pag. 4)	Cabezal del horno cpl. (ver pág. 4)
6	563 785	Firing table	Brenntisch	Table de Cuisson	Piano di cottura	Plataforma de Cocción
9	598 656	Cooling tray S	Brenngut-Ablageplatte S	Tablette de service S	Piastra di appoggio S	Bandeja de enfriamiento S
10	150 020	Vacuum hose	Vakuumschlauch	Tuyau de vide	Tubo del vuoto	Tubo de vacío
11	104 560	Power cord (CH)	Netzkabel (CH)	Câble secteur (CH)	Cavo compl. con spina (CH)	Cable de red (CH)
11	104 571	Power cord (AUS)	Netzkabel (AUS)	Câble secteur (AUS)	Cavo compl. con spina (AUS)	Cable de red (AUS)
11	104 570	Power cord (GB)	Netzkabel (GB)	Câble secteur (GB)	Cavo compl. con spina (GB)	Cable de red (GB)
11	104 559	Power cord (Schuko)	Netzkabel (Schuko)	Câble secteur (Schuko)	Cavo compl. con spina (Schuko)	Cable de red (Schuko)
11	151 561	Power cord (USA)	Netzkabel (USA)	Câble secteur (USA)	Cavo compl. con spina (USA)	Cable de red (USA)
12	---	Furnace base cpl. P300 (see page 8)	Ofenunterteil kpl. P300 (Siehe Seite 8)	Base du four cplt. P300 (voir page 8)	Base del forno cpl. P300 (vedi pag. 8)	Parte inferior del horno compl. P300 (ver pág. 8)
5	598 642	Programat Firing Tray Kit	Programat Brenngutträger Kit	Kit Support de cuisson Programat	Programat Kit portaoggetti	Programat Set plataforma de cocción
---	---	Programat firing tray	Programat Brenngutträger	Support de cuisson Programat	Programat portaoggetti	Programat plataforma de cocción
---	---	Metal pins A (4 pins)	Metallstifte A (4 Stk.)	Tige métallique A (4 p.)	Perni in metallo A (4 p.)	Espigas metálicas A (4 pzas.)
---	---	Metal pins B (4 pins)	Metallstifte B (4 Stk.)	Tige métallique B (4 p.)	Perni in metallo B (4 p.)	Espigas metálicas B (4 pzas.)
---	---	Metal pins C (4 pins)	Metallstifte C (4 Stk.)	Tige métallique C (4 p.)	Perni in metallo C (4 p.)	Espigas metálicas C (4 pzas.)
---	597 127	Fastening Screw Set	Befestigungsschraubenset	Set vis de fixation	Set viti di fissaggio	Set tornillos de fijación
1	---	Knurled cap M4	Rändelhaube M4	Vis moletée M4	Cappa zigrinata M4	Carcasa estriada
2	---	Hexagon socket screw M4x6	I-6 kt. Schraube M4x6 DIN912	Vis à 6 pans M4x6	Vite TC M4x6	Tornillo con hexágono M4x6
7	---	Attachment screw	Klemmschraube (2 Stk.)	Vis de Serrage	Vite	Tornillo de apriete
8	---	Base	Unterlage (2 Stk.)	Plaquette	Base	Punto de apoyo refractario
---	604 438	Collapsible box Programat upper part	FS Programat Oberteil	Emb. carton, partie supérieure Programat	Cartone parte superiore Programat	Caja plegable parte superior Programat
---	595 783	Collapsible box P300/500 lower Part	Faltschachtel Unterteil P300/500	Emba. carton, partie inférieure P300/500	Cartone base del P300/500	Caja plegable parte inferior P300/500
---	595 782	Three-part styrofoam packaging P300/500	Styropor-Verpackung 3-teilig P300/500	Embal. polystyrène en 3 parties P300/500	Polistirolo in 3 parti P300/500	Embalaje styropor 3 piezas P300/500
---	561 880	Carrier handle for collapsible box	Tragegriff für Faltkarton	Poignée emballage carton	Maniglia di trasporto per cartone	Asas cartonaje
---	599 996	Transportation lock cpl.	Transportsicherung kpl.	Sécurité de transport cplt.	Protezione per trasporto cpl.	Seguro transporte compl.
P300						
		Type P300	Typ P300	Type P300	Tipo P300	Tipo P300
Note:						597186 - Rev. 01



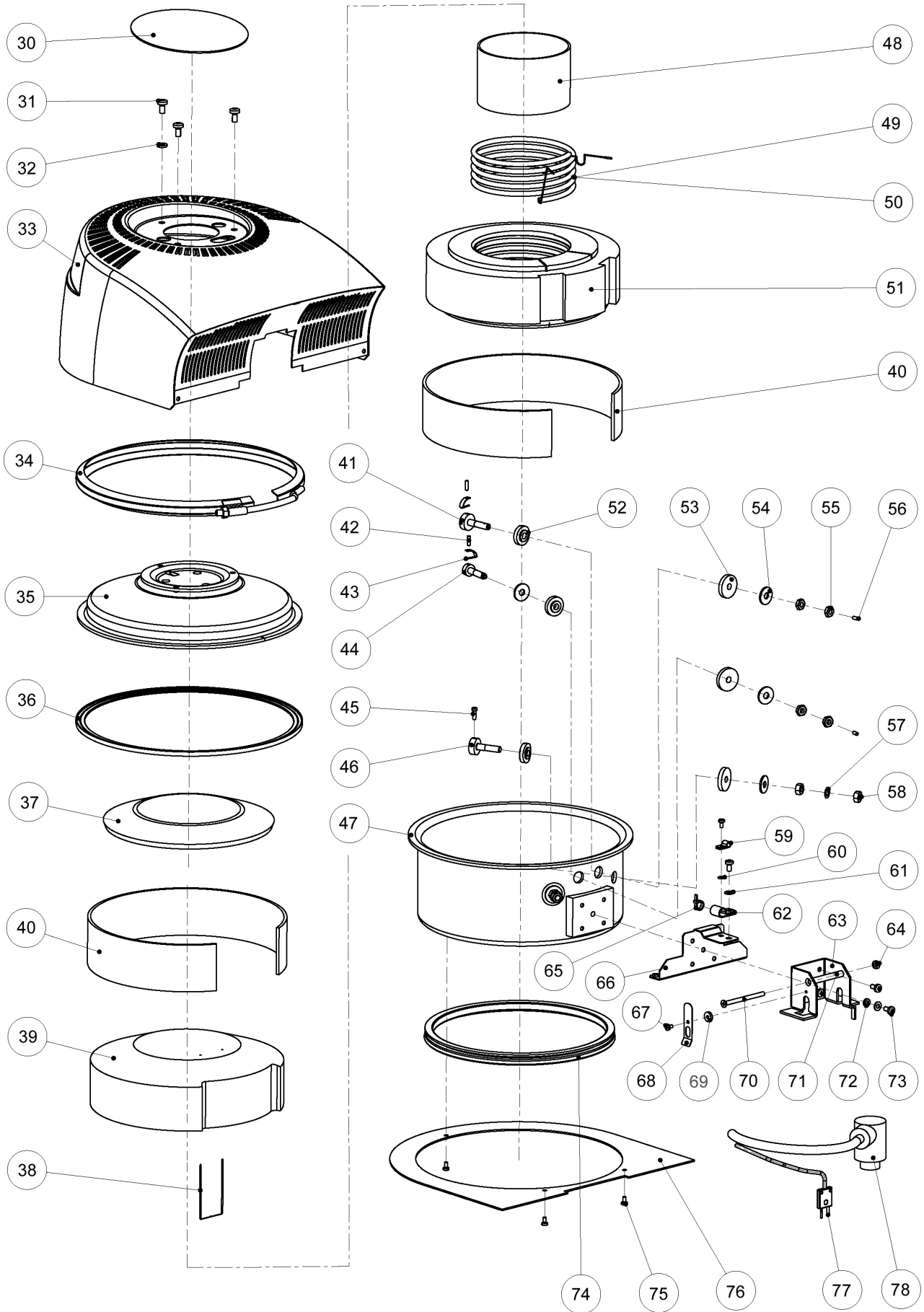
Programat P300

Furnace head cpl.
Ofenkopf kpl.
Moufle couvercle cpl.

Cappa cpl.
Cabezal del horno cpl.

597186 - Rev. 01

Pos	Part no.	Description	Gegenstand	Désignation	Descrizione	Descripción
30	597 203	Furnace head cover	Abdeckung Ofenkopf	Protection moufle-couvercle	Copertura cappa	Tapa cabezal horno
31	---	Oval head screw M5x6	Linsenschraube M5x6 (3 Stk.) DIN7985A	Vis Lentille M5x6	Vite TC M5x6	Tornillo lenticular M5x6
32	---	Ribbed disk M5	Rippenscheibe M5 (3 Stk.)	Rondelle nervurée M5	Rondella ad alette M5	Arandela nervada M5
33	597 204	Furnace head housing	Gehäuse Ofenkopf	Carter moufle-couvercle	Carcassa cappa	Carcasa cabezal horno
34	597 212	Straining ring SR20	Spannring SR20	Anneau de serrage SR20	Anello elastico SR20	Abrazadera SR20
35	596 582	Casing upper part , cpl.	Mantel Oberteil kpl.	Carter, partie supérieur, cplt.	Rivestimento superiore cpl.	Recubrimiento parte superior compl.
36	595 824	Flat gasket	Flachdichtung	Joint plat	Guarnizione piatta	Junta plana
37	597 190	Insulation mat, upper part	Isolationsmatte oben	Disque souple d'isolation, haut	Feltro isolante superiore	Estera aislante superior
38	597 221	Thermocouple, cpl.	Thermoelement kpl.	Thermo-couple, cplt.	Termoelemento cpl.	Termoelemento compl.
39	599 016	Insulation, upper part	Isolation Oberteil	Isolation partie supérieure	Isolamento parte superiore	Aislante, parte superior
40	597 191	Back lining	Hinterfütterung oben	Anneau d'isolation	Rivestimento posteriore	Revestimiento posterior
47	596 583	Casing lower part, cpl.	Mantel Unterteil kpl.	Carter, partie inférieure, cplt.	Rivestimento inferiore cpl.	Recubrimiento parte inferior compl.
59	---	Clip D3	Bride-D3	Bride-D3	Staffa D3	Brida D3
73	---	Oval head screw M4x8	Linsenschraube M4x8 (5 Stk.) DIN7985A	Vis Lentille M4x8	Vite TC M4x8	Tornillo lenticular M4x8
60	---	Washer M3	U-Scheibe M3 DIN125A	Rondelle M3	Rondella M3	Arandela M3
61	---	Washer M4	U-Scheibe M4 (2 Stk.) DIN125A	Rondelle M4	Rondella M4	Arandela M4
62	---	Clip D8	Bride-D8	Bide-D8	Staffa D8	Brida D8
63	597 214	Plug-in console	Steckkonsole	Cnsole d'adaptation	Console ad innesto	Consola de contacto
64	---	Counternut M4	Sicherungsmutter M4 DIN985	Écrou de sécurité M4	Dado di sicurezza M4	Tuerca de seguridad M4
65	---	Cable binder	Kabelbinder	Attache de câbles	Legante per cavi	Aislante, parte superior
66	597 213	Holding sheet	Halteblech	Plaque de maintien	Lamiera di supporto	Chapa soporte
67	---	Oval head screw M3x5	Linsenschraube M3x5 DIN7985	Vis Lentille M3x5	Vite TC M3x5	Tornillo lenticular M3x5
68	547 199	Leaf spring	Blattfeder	Ressort à lame	Molla a lamina	Resorte de lámina
69	597 199	Distance piece	Distanzstück	Entretoise	Distanziatore	Pieza distanciadora
70	---	Countersunk screw M4x55	Senkschraube M4x55 ISO2009	Vis à tête conique M4x55	Vite TC M4x55	Tornillo avellanado M4x55
71	608 449	Distance sleeve for console	Distanzrohr z. Konsole	Douille d'Ecartement pour Console	Tubo di distanza per Console	Tubo distanciador para Consola
72	---	Serrated block washer M4	Fächerscheibe M4 DIN6798A	Rondelle Eventail M4	Rosetta dentellata M4	Arandela dentada M4
74	596 555	Furnace head sealing	Ofenkopfdichtung	Moufle couvercle joint	Cappa guarnizione	Carcasa cabezal horno junta
75	---	Oval head screw M3x6	Linsenschraube M3x6 (4 Stk.) DIN7985A	Vis Lentille M3x6	Vite TC M3x6	Tornillo lenticular M3x6
76	596 274	Screen	Blende	Protection Oculaire	Pannello	Blenda
77	597 222	Connector with TE line	Stecker mit TE Leitung	Prise mâle du thermo-couple	Spina con conduzione TE	Enchufe con línea TE
78	597 179	Heater cable, cpl.	Heizungskabel kpl.	Câble de chauffe, cplt.	Cavo della resistenza cpl.	Cable resistencia compl.
---	597 131	Locking screw set, plus	Klemmschraubenset Plus	Set vis de serrage Positif	Set viti di arresto Plus	Set tornillos de fijación Plus
41	---	Locking screw TER+ (E)	Klemmschraube TER+ (E)	Vis de serrage TER+ (E)	Viti di arresto TER+ (E)	Tornillos de fijación TER+ (E)
42	---	Set screw M3x10	Gewindestift M3x10 DIN915	Tige filetée M3x10	Perno filettato M3x10	Varilla roscada M3x10
	P300	Furnace head cpl.	Ofenkopf kpl.	Moufle couvercle cplt.	Cappa cpl.	Cabezal del horno cpl.
	Note:					597186 - Rev. 01



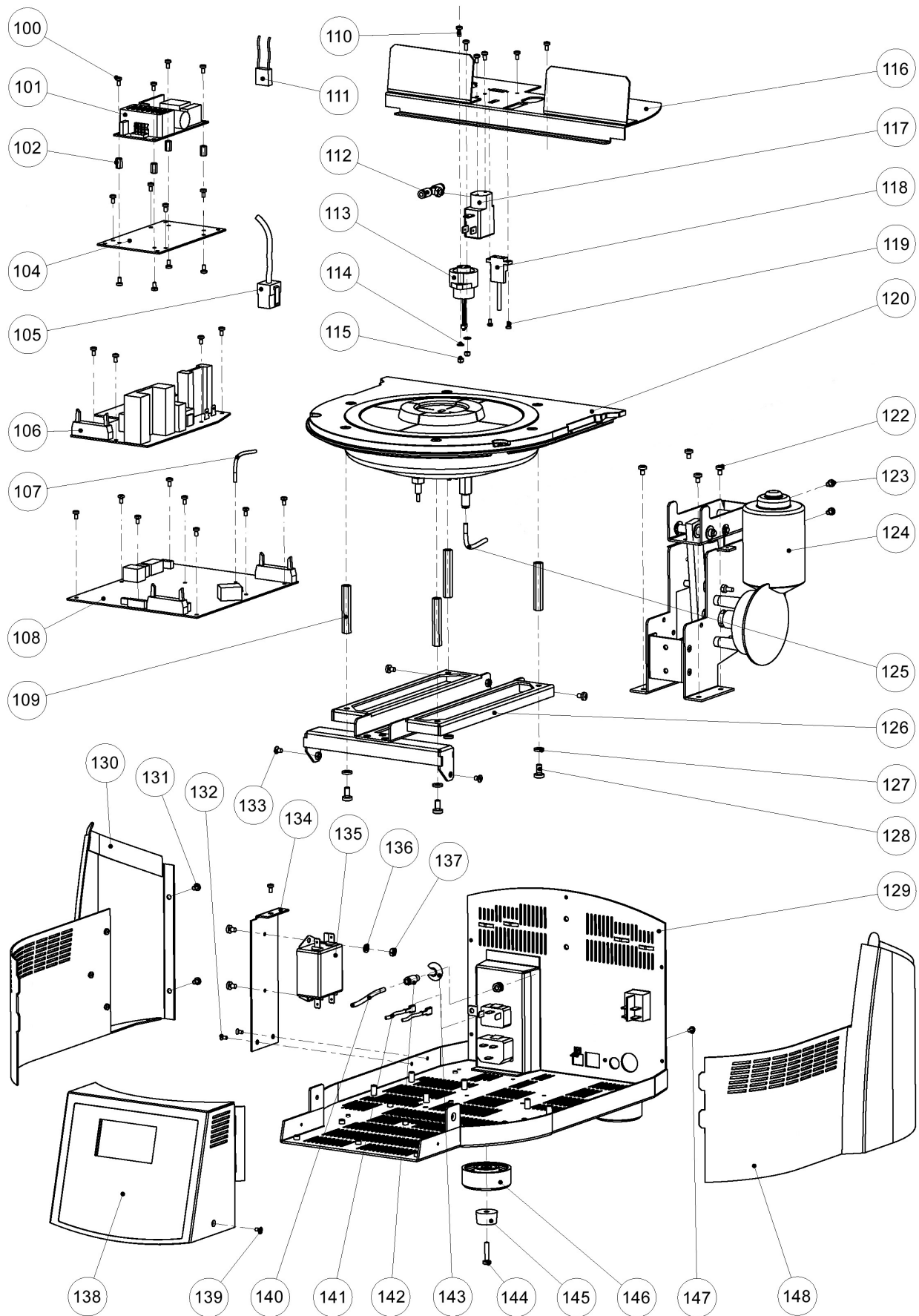
Programat P300

Furnace head cpl.
Ofenkopf kpl.
Moufle couvercle cplt.

Cappa cpl.
Cabezal del horno cpl.

597186 - Rev. 01

Pos	Part no.	Description	Gegenstand	Désignation	Descrizione	Descripción
43	---	Pressure clamp	Klemmbügel	Serre-câbles	Staffa di fissaggio	Abrazadera de presión
52	---	Insulating bushing	Isolierbüchse	Douille isolante	Parte isolante	Aislante
53	---	Muffle connection seal	Muffelanschlussdichtung	Joint de raccord du moufle	Guarnizione attacco muffola	Junta de la mufla
54	---	Screw M6 D6.4/18x1.6	Scheibe M6 D6.4/18x1.6 DIN9021	Vis M6 D6.4/18x1.6	Vite M6 D6.4/18x1.6	Tornillo M6 D6.4/18x1.6
55	---	Hex nut M6	Sechskantmutter M6 (2 Stk.) DIN739	Écrou à 6 pans M6	Dado esagonale M6	Tuerca hexagonal M6
56	---	Set screw M3x6	Gewindestift M3x6 DIN915	Tige filetée M3x6	Perno filettato M3x6	Varilla roscada M3x6
---	597 132	Locking screw set, Minus	Klemmschraubenset Minus	Set vis de serrage Négatif	Set viti di arresto Minus	Set tornillos de fijación Minus
42	---	Set screw M3x10	Gewindestift M3x10 DIN915	Tige filetée M3x10	Perno filettato M3x10	Varilla roscada M3x10
43	---	Pressure clamp	Klemmbügel	Serre-câbles	Staffa di fissaggio	Abrazadera de presión
44	---	Locking screw TER- (A)	Klemmschraube TER- (A)	Vis de serrage chauffe TER- (A)	Viti di arresto resistenza TER- (A)	Tornillos de fijación resistencia TER- (A)
52	---	Insulating bushing	Isolierbüchse	Douille isolante	Parte isolante	Aislante
53	---	Muffle connection seal	Muffelanschlussdichtung	Joint de raccord du moufle	Guarnizione attacco muffola	Junta de la mufla
54	---	Screw M6 D6.4/18x1.6	Scheibe M6 D6.4/18x1.6 DIN9021	Vis M6 D6.4/18x1.6	Vite M6 D6.4/18x1.6	Tornillo M6 D6.4/18x1.6
55	---	Hex nut M6	Sechskantmutter M6 (2 Stk.) DIN739	Écrou à 6 pans M6	Dado esagonale M6	Tuerca hexagonal M6
56	---	Set screw M3x6	Gewindestift M3x6 DIN915	Tige filetée M3x6	Perno filettato M3x6	Varilla roscada M3x6
---	597 133	Locking Screw Set, Heater	Klemmschraubenset Heizung	Set vis de serrage chauffe	Set viti di arresto resistenza	Set tornillos de fijación resistencia
45	---	Screw M3x10	Schraube M3x10 DIN84	Vis à tête cônica M3x10	Vite M3x10	Tornillo M3x10
46	---	Locking screw	Klemmschraube	Vis de serrage chauffe	Viti di arresto resistenza	Tornillos de fijación resistencia
52	---	Insulating bushing	Isolierbüchse	Douille isolante	Parte isolante	Tornillo de fijación contactos mufla
53	---	Muffle connection seal	Muffelanschlussdichtung	Joint de raccord du moufle	Guarnizione attacco muffola	Junta de la mufla
54	---	Screw M6 D6.4/18x1.6	Scheibe M6 D6.4/18x1.6 DIN9021	Vis M6 D6.4/18x1.6	Vite M6 D6.4/18x1.6	Tornillo M6 D6.4/18x1.6
57	---	Spring washer M6	Federscheibe M6 DIN137A	Rondelle Ressort M6	Rosetta elastica M6	Arandela resorte M6
59	---	Hex nut M6	Sechskantmutter M6 (2 Stk.) DIN934	Écrou à 6 pans M6	Dado esagonale M6	Tuerca hexagonal M6
---	597 130	QTK Heating Muffle, cpl. 200-240V	QTK-Heizmuffel kpl. 200-240V	Moufle de chauffe QTK, cpl. 200-240V	QTK resistenza cpl. 200-240V	QTK-Mufla compl. 200-240V
48	---	Quartz glass tube	Quarzglasrohr	Tube de quartz	Tubo in vetro di quarzo	Tubo de cristal de cuarzo
49	---	Heat conductor NS	Heizleiter NS	Conducteur chauffant NS	Filo per resistenza	Con ductor electrotérmico NS
51	---	Insulation with heater	Isolation Mittelteil	Isolant partie centrale	Isolamento con riscaldamento	Aislante pieza media
---	597 129	QTK Heating Muffle, cpl. 110-120V	QTK-Heizmuffel kpl. 110-120V	Moufle de chauffe QTK, cpl. 110-120V	QTK resistencia cpl. 110-120V	QTK-Mufla compl. 110-120V
48	---	Quartz glass tube	Quarzglasrohr	Tube de quartz	Tubo in vetro di quarzo	Tubo de cristal de cuarzo
50	---	Heat conductor NS	Heizleiter SS	Conducteur chauffant SS	Filo per resistenza	Conductor electrotérmico SS
51	---	Insulation with heater	Isolation Mittelteil	Isolant partie centrale	Isolamento con riscaldamento	Aislante pieza media
P300		Furnace head cpl.	Ofenkopf kpl.	Moufle couvercle cpl.	Cappa cpl.	Cabezal del horno cpl.
Note:						597186 - Rev. 01



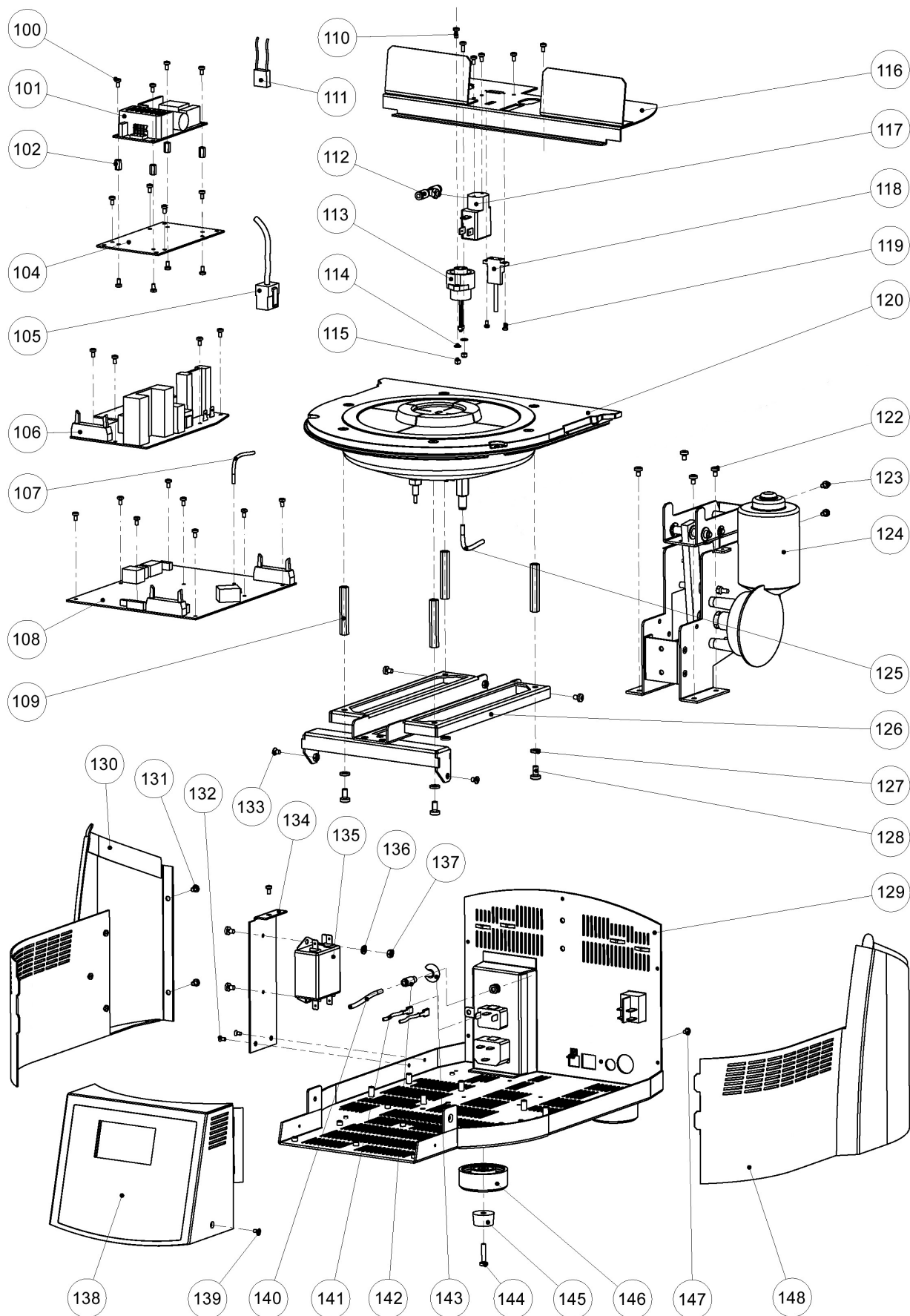
Programat P300

furnace base cpl.
Ofenunterteil kpl.
base du four cpl.

base del forno cpl.
Parte inferior del horno compl.

597186 - Rev. 01

Pos	Part no.	Description	Gegenstand	Désignation	Descrizione	Descripción
101	597 150	Power supply unit 110-240V	Netzteil 110-240V	Alimentation électrique 110-240V	Alimentazione 110-240V	Fuente alimentación 110-240V
104	597 208	Distance sheet	Distanzblech	Entretoise tôle	Lamiera di distanza	Chapa distanciadora
105	597 178	Cable harness 2	Kabelbaum 2	Faisceau de fils 2	Pettina dei cavi 2	Cableado 2
106	609 512	Supply board 110-120V	Versorgungs-Board 110-120V	Tableau d'alimentation 110-120V	Board di alimentazione 110-120V	Placa alimentación 110-120V
106	609 513	Supply board 200-240V	Versorgungs-Board 200-240V	Tableau d'alimentation 200-240V	Board di alimentazione 200-240V	Placa alimentación 200-240V
108	610 991	Main board P300	Main-Board P300	Tableau principal P300	Main-Board P300	Placa principal P300
109	597 192	Distance bolt M5x50	Distanzbolzen M5x50	Boulon d'écartement M5x50	Perno di distanza M5x50	Perno distanciador M5x50
111	597 182	DC cable	DC Kabel	Câble alimentation DC	Cavo DC	Cable DC
112	552 987	Swivel T connection	T-Schwenkanschluss	Raccord coudé en T	Collegamento oscillante a T	T-Conexión articulada
113	597 177	Cable harness 1	Kabelbaum 1	Faisceau de fils 1	Pettina dei cavi 1	Cableado 1
116	597 219	Cover sheet	Deckblech	Plaque de protection	Lamiera di copertura	Tapa metálica
117	151 293	Micro-electrovalve 12 VDC	Mikro-Magnetventil 12 VDC	Electrovanne 12 VDC	Elettrovalvola VDC 12V	Micro Válvula Magnética 12 VDC
118	597 223	Coupling with TE line	Kupplung mit TE Leitung	Accouplement du thermo-couple TE	Innesto con conduzione TE	Acoplamiento con línea TE
120	---	Furnace pot cpl. (see page 14)	Ofentopf kpl. (siehe Seite 14)	Cuvette de Cuisson cplt. (voir page 14)	Base refrattario cpl.(vedi pag. 14)	Cabezal Del Horno compl (ver pág. 14)
124	---	Swivel mechanism, cpl. (see page 16)	Schwenkmechanik kpl. (siehe Seite 16)	Mécanisme articulé, cplt. (voir page 16)	Meccanismo orientabile cpl. (vedi pag. 16)	Mecanismo oscilante compl. (ver pág. 16)
126	597 209	Carrier	Träger	Support	Portante	Soporte
129	597 207	Bottom	Boden	Socle	Fondo	Base
130	599 232	Side part left BG	Seitenteil links BG	Partie latérale gauche BG	Parte laterale sinistra BG	Pieza lateral izquierda BG
134	597 220	Line filter holder	Netzfilterhalter	Support filtre alimentation	Supporto per filtro alimentaz.	Soporte filtro red
135	597 565	Line filter 20 A	Netzfilter 20 A	Filtre alimentation 20 A	Filtro della rete 20 A	Filtro de la red 20 A
138	597 134	Operating unit P300, cpl. (see page 20)	Bedieneinheit P300 kpl. (siehe Seite 20)	Unité de commande P300, cplt. (page 20)	Unità di comando P300 cpl. (pag. 20)	Teclado P300 compl. (ver pág. 20)
139	---	Torq screw M3x6	Torx-Schraube M3x6	Vis Torx M3x6	Vite Torx M3x6	Tornillo Torx M3x6
141	597 180	Connecting cable	Verbindungskabel	Câble de raccordement	Cavo di collegamento	Cable de conexión
142	154 923	Joint connection, straight	Verbindungsanschluss gerade	Raccord de branchement droit	Allacciamento diritto	Conexión recta
143	130 061	Hexagon nut G1/8"	Sechskantmutter G1/8"	Ecrou A 6 Pans G1/8"	Dado esagonale G 1/8"	Tuerca Hexagonal G 1/8"
143	---	Lock Washer Ø 8	Sicherungsscheibe Ø 8	Rondelle d'arrêt Ø 8	Anello di sicurezza Ø 8	Arandela de seguridad Ø 8
144	---	Oval head screw M4x20	Linsenschraube M4x20 DIN7985A	Vis Lentille M4x20	Vite TC M4x20	Tornillo lenticular M4x20
145	130 071	Rubber foot D20	Gummifuss D20	Pied en caoutchouc D20	Piedino in gomma D20	Pata de goma D20
146	595 821	Furnace foot	Gerätefuss	Pied de l'appareil	Piedino dell'apparecchio	Patas de apoyo
147	---	Torq screw M3x6	Torx-Schraube M3x6	Vis Torx M3x6	Vite Torx M3x6	Tornillo Torx M3x6
148	599 231	Side panes right BG	Seitenteil rechts BG	Partie latérale droite BG	Parte laterale destra BG	Pieza lateral derecha BG
---	599 185	Hose Set	Schlauch Set	Set de tuyau	Set tubo	Set tubos flexibles
107	---	Hose sensor	Schlauch Sensor	Tuyau du sensor	Tubo sensore	Tubo del sensor
140	---	Hose pump	Schlauch Pumpe	Tuyau de la pompe	Tubo pompa	Tubo de la bomba
125	---	Hose pot	Schlauch Topf	Tuyau de la cuvette de cuisson	Tubo cappa	Tubo del cabezal
P300		furnace base cpl.	Ofenunterteil kpl.	base du four cplt.	base del forno cpl.	Parte inferior del horno compl.
Note:						597186 - Rev. 01

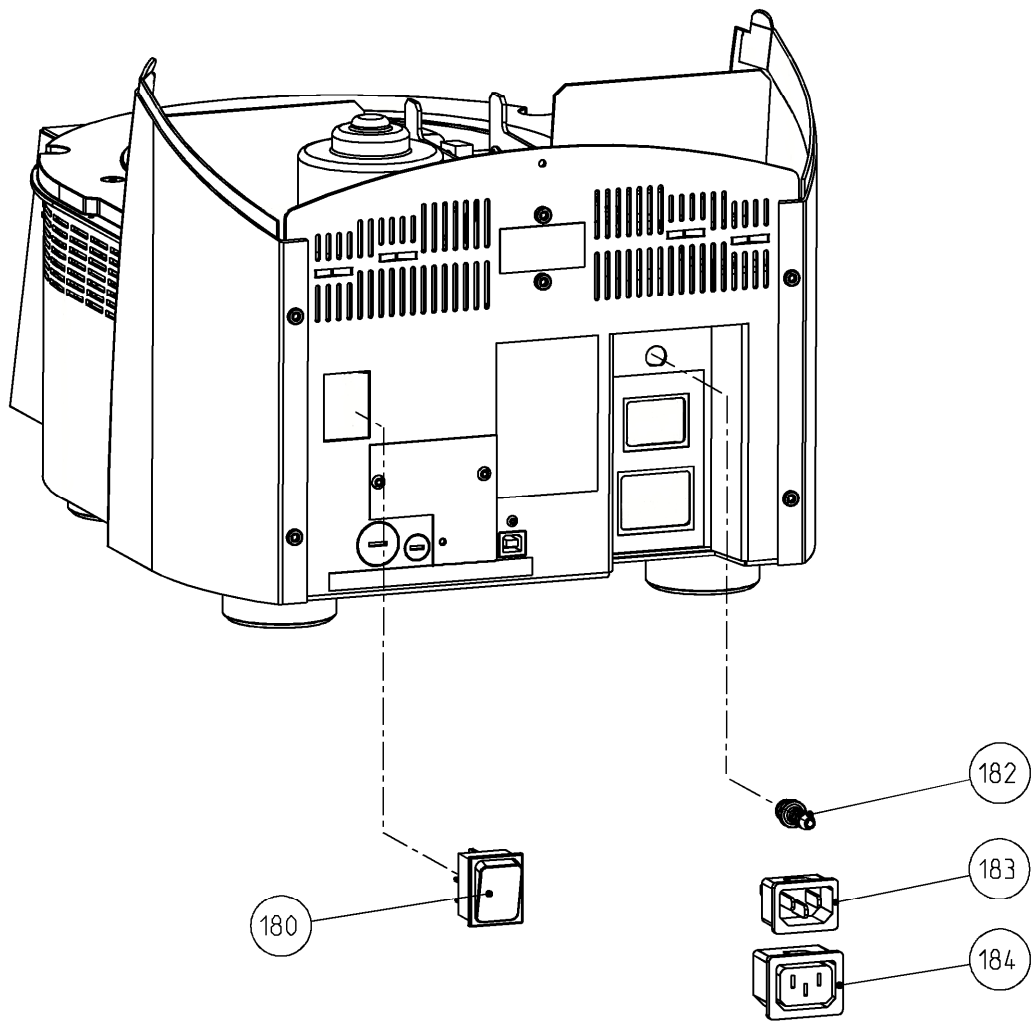


Programat P300

furnace base cpl.
Ofenunterteil kpl.
base du four cplt.

base del forno cpl.
Parte inferior del horno compl.

597186 - Rev. 01

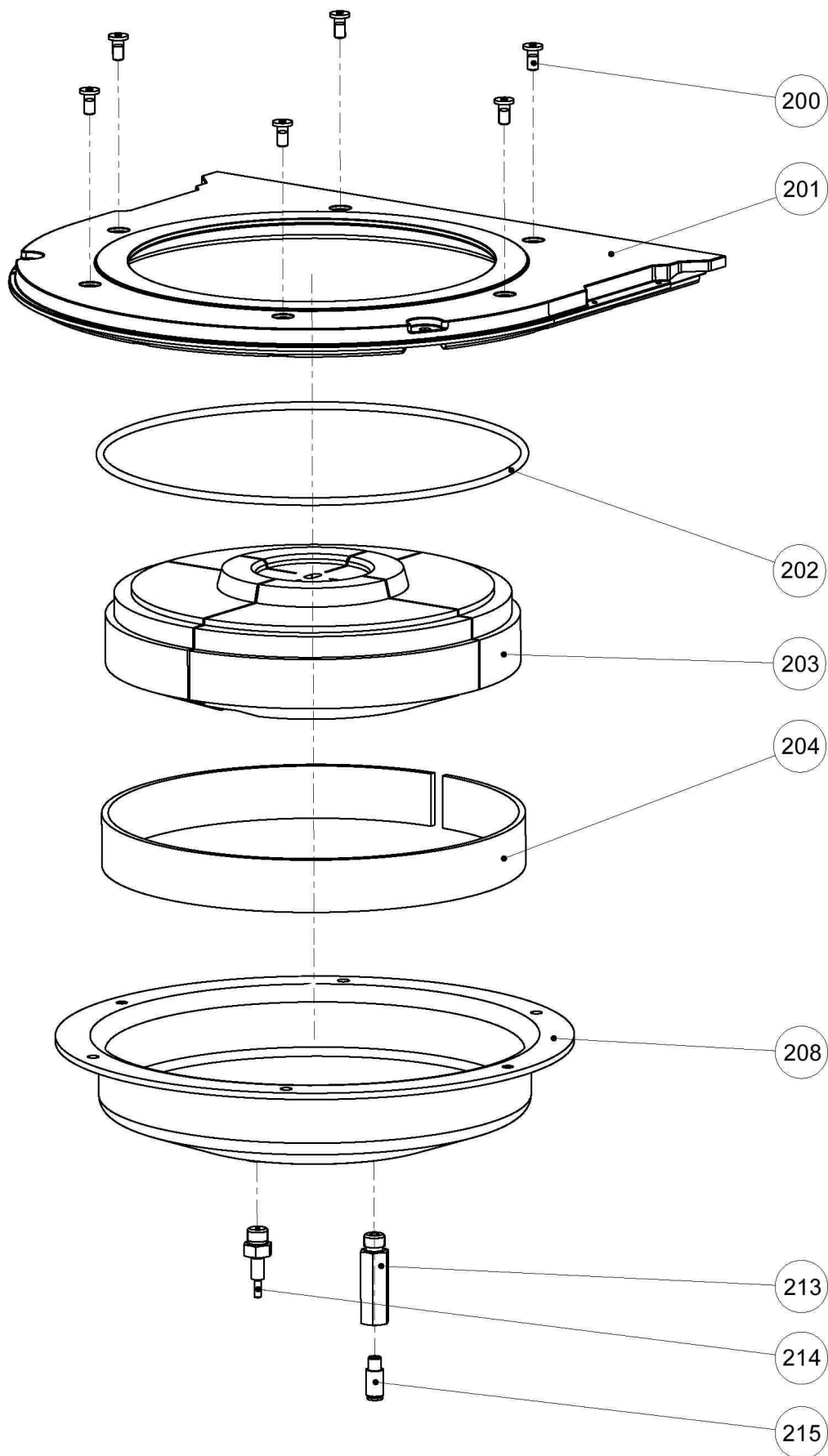


Programat P300

furnace base cpl.
Ofenunterteil kpl.
base du four cplt.

base del forno cpl.
Parte inferior del horno compl.

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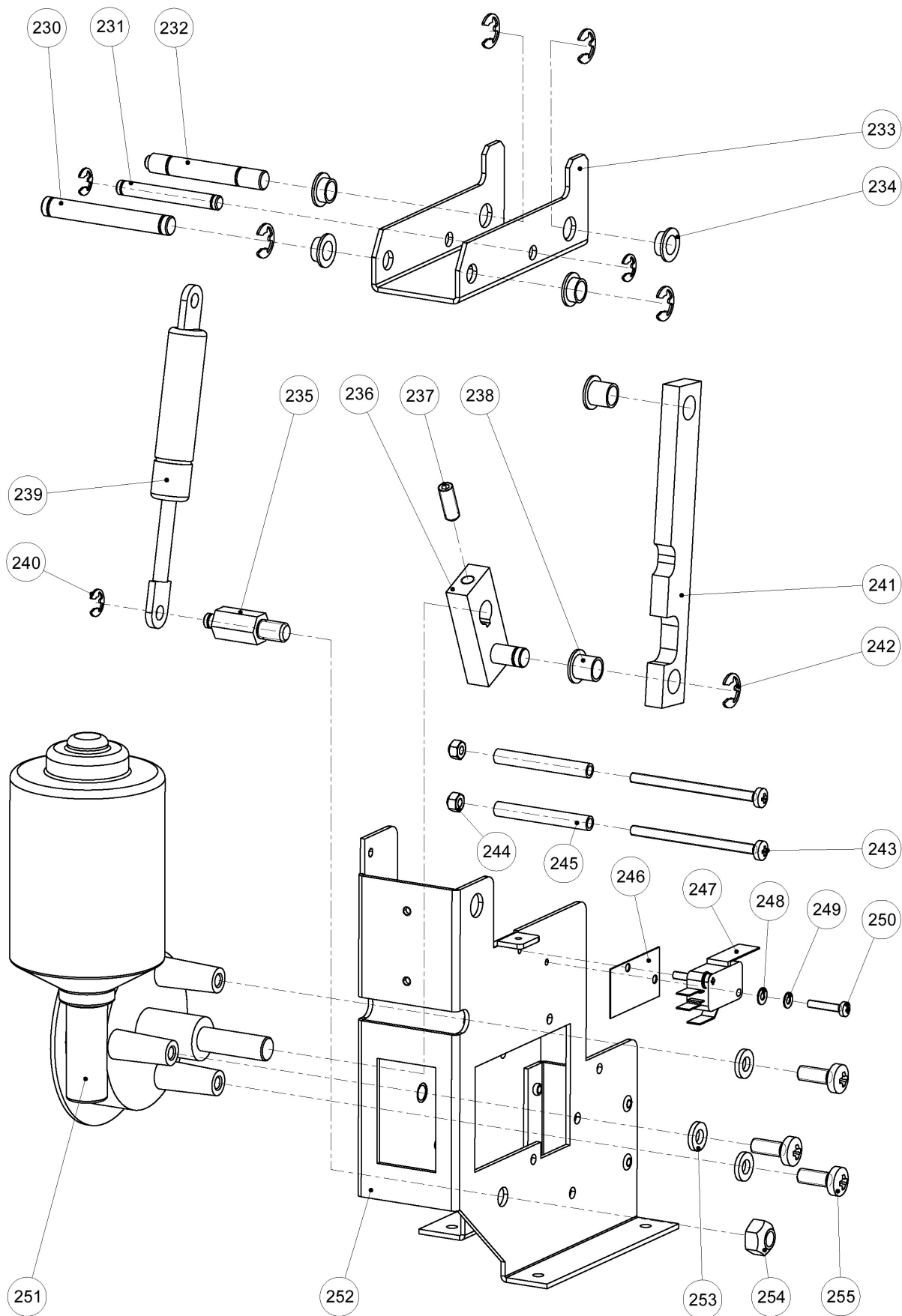


Programat P300

Furnace pot cpl.
Ofentopf kpl.
Cuvette de cuisson cpl.

Base refrattario cpl.
Cabezal Del Horno compl.

597186 - Rev. 01

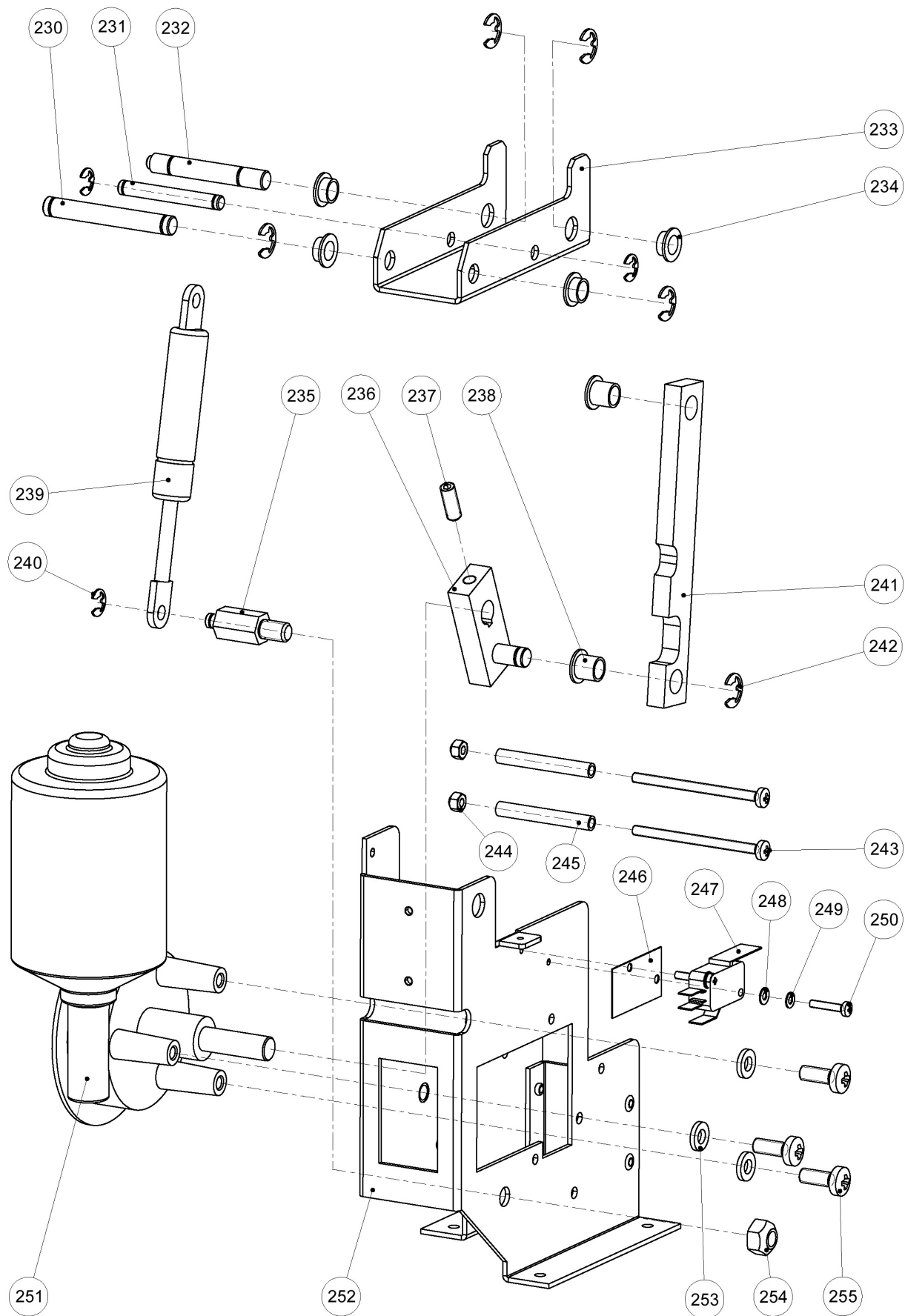


Programat P300

Swivel mechanism, cpl.
Schwenkmechanik kpl.
Mécanisme articulé, cpl

Meccanismo orientabile cpl.
Mecanismo oscilante compl.

597186 - Rev. 01

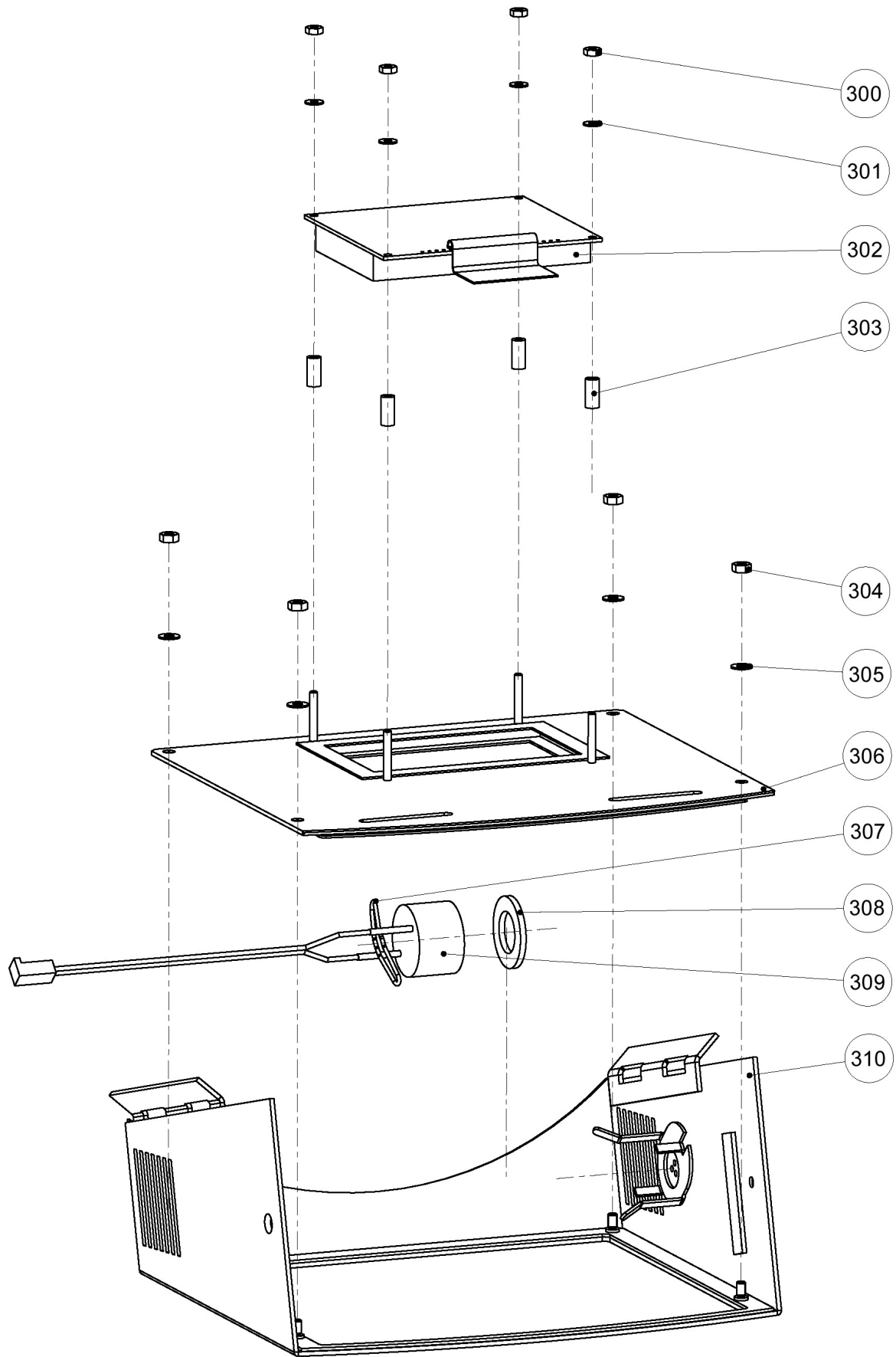


Programat P300

Swivel mechanism, cpl.
Schwenkmechanik kpl.
Mécanisme articulé, cpl

Meccanismo orientabile cpl.
Mecanismo oscilante compl.

597186 - Rev. 01



Programat P300

Operating unit cpl.
Bedieneinheit kpl.
Unité de commande cplt.

Unità di comando cpl.
Teclado compl.

597186 - Rev. 01

Ivoclar Vivadent AG
Bendererstrasse 2
LI -9494 Schaan / Liechtenstein
<http://www.ivoclarvivadent.com>

