

Thermo Scientific iCAP PRO Series ICP-OES Consumables and Parts Catalog

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Inlet System

Torch, Spray Chamber, Nebulizers, Tubing, and Injectors

Table 1. Torch, spray chamber, nebulizers, injectors, and tubing

| Parts | P/N | Description |
|---------------|---------------------------------------|---|
| Torch | 842312051741 | EMT Radial Torch |
| | BRE0012328 | EMT Duo Torch iCAP PRO |
| | BRE0018982 | Torch Holder |
| D Torch | 842312052211 | Injector Adapter for Radial & Duo D Torch |
| | 842312052204 | Base & Inner Tube for Radial & Duo D Torch |
| | BRE0018578 | Ceramic Outer Tube for Duo D Torch iCAP PRO |
| | 842312052206 | Ceramic Outer Tube for Radial D Torch |
| | 842312052210 | Retaining Ring for Radial & Duo D Torch |
| | 842312052208 | Quartz Outer Tube for Radial D Torch |
| | 842312052213 | D Torch Sampling O Ring Kit |
| Spray chamber | 842312051151 | Radial Spray Chamber Adaptor |
| | 842312051411 | Cyclonic Spray Chamber |
| | 842312051311 | Organics Spray Chamber |
| | 842312051451 | Radial Spray Chamber HF |
| | 842312051421 | Ball Joint Clip |
| Nebulizer | 842312051431 | Concentric Nebulizer |
| | 1161990 | Backflush kit for glass concentric nebulizers |
| | 842312051331 | AeroSalt Nebulizer |
| | 842312051321 | V Groove Nebulizer |
| | 842312051471 | Mira Mist Nebulizer |
| | BRE0026021 | 4 mm Gas line adapter for Mira Mist |
| | BRE0026022 | Sample line for Mira Mist (big peripump) |
| | BRE0026024 | Gas line with 10/32 fittings Mira Mist |
| 842312051402 | Nebulizer/Spray Chamber Connector Kit | |

Table 1. Torch, spray chamber, nebulizers, injectors, and tubing, continued

| Parts | P/N | Description |
|----------|--------------|---|
| Injector | BRE0020178 | Alumina injector 1.0 mm ID (HF resistant) |
| | 842312051941 | EMT Injector Tube 1.0 |
| | 842312051951 | EMT 1.5mm Torch Centre Tube |
| | BRE0019895 | EMT Centre Tube 2.0 |
| | 842312051961 | EMT Centre Tube 2.0 Ceramic (HF resistant) |
| | BRE0019966 | Center Tube Holder |
| Tubing | 842312051511 | Pump tubing aqueous sample (pack 6) |
| | 842312051521 | Pump tubing aqueous drain (pack 6) |
| | 842312051621 | Solvent Flex Pump Sample Tubing (Pk of 6) |
| | 842312051631 | Solvent Flex Pump Drain Tubing (Pk of 6) |
| | 842312051531 | Viton Pump tubing organic sample (pack 6) |
| | 842312051541 | Viton Pump tubing organic drain (pack 6) |
| | 842312051551 | Internal Standards Kit/Basic hydride system |

Standard Sample Introduction Kits

Table 2. Standard Sample Introduction Kits iCAP PRO Series ICP-OES (Radial)

| P/N | Description |
|------------|---------------------------------------|
| BRE0019956 | iCAP PRO Radial Aqueous Kit |
| BRE0019957 | iCAP PRO Radial High Solids Kit |
| BRE0019958 | iCAP PRO Radial Organics Kit |
| BRE0019959 | iCAP PRO Radial Volatile Organics Kit |
| BRE0019960 | iCAP PRO Radial HF Kit |

Table 3. Standard Sample Introduction Systems iCAP PRO Series ICP-OES (Duo)

| P/N | Description |
|------------|------------------------------------|
| BRE0019681 | iCAP PRO Duo Aqueous Kit |
| BRE0019682 | iCAP PRO Duo High Solids Kit |
| BRE0019683 | iCAP PRO Duo Organics Kit |
| BRE0019684 | iCAP PRO Duo Volatile Organics Kit |
| BRE0019685 | iCAP PRO Duo HF Kit |


Additional Kits for the Sample Introduction

Table 4. Additional kits Sample Introduction

| P/N | Description |
|--------------|---|
| 842312052201 | Radial Ceramic D Torch Kit for iCAP PRO |
| BRE0024347 | Duo Ceramic D Torch Kit for iCAP PRO |
| BRE0011649 | Sheath Gas Adapter Kit |
| BRE0011651 | Spare Sheath Gas Adapter Radial |
| BRE0011654 | Spare Sheath Gas Adapter Connection Kit |

Autosampler Racks

Table 5. Polypropylene autosampler racks

| Picture | P/N | Description |
|---|------------|-----------------------------------|
|  | BRE0033168 | 21 Position, 25 - 30 mm |
| | BRE0033169 | 24 Position, 20 - 25 mm |
| | BRE0033170 | 40 Position, 16 - 20 mm |
| | BRE0033171 | 60 Position, 13 - 16 mm |
| | BRE0033173 | 90 Position, 10 - 13 mm |
| | BRE0033175 | 90 Position (Indexed), 10 - 13 mm |

Argon Humidifier

Recommended Parts for the Argon Humidifier

Table 6. Recommended parts Argon Humidifier

| P/N | Description |
|--------------|--|
| 842312052090 | Heated Argon Humidifier (accessory) |
| BRE0017503 | Pergo - Complete Membrane Assembly |
| BRE0017284 | Pergo - Membrane Assembly |
| BRE0017286 | Pergo - Fittings Kit |
| BRE0017326 | Pergo - Power Supply |
| BRE0017348 | Pergo - Gas Fittings |
| BRE0017376 | Pergo - PFA water Reservoir and endcap |

IsoMist

Recommended Parts for the IsoMist

Table 7. Recommended parts IsoMist

| P/N | Description |
|--------------|---|
| 842312051661 | Twister Spray Chamber for IsoMist Radial and iCAP PRO |
| 842312051681 | Unifit Right Angle Connector for IsoMist (3 ea) |
| BRE0024348 | IsoMist Transfer Tube iCAP PRO (accessory) |
| BRE0024346 | IsoMist XR Kit for iCAP PRO (accessory) |

Vapor Systems and Accessories

Recommended Parts for the Vapor (Hydride) Systems

Table 8. Recommended parts vapor systems

| P/N | Description |
|--------------|---|
| 842312051551 | Internal Standards Kit/Basic hydride system |
| 842318050101 | Enhanced Vapor System |
| 842312052611 | Replacement tubing for Enhanced Hydride Gen |
| 842318050151 | Consumable Parts for Hydride Kit |
| 842312051611 | Replacement Plumbing Kit Enhanced Vapour |

Ultrasonic Nebulizer

Recommended Accessories for the Ultrasonic Nebulizer

Table 9. Recommended parts ultrasonic nebulizer

| P/N | Description |
|--------------|--|
| 842318051001 | Cetac U-5000AT USN 220/240Volts |
| 842318051002 | Cetac U-5000AT Ultrasonic Nebuliser 110v |
| 842318051003 | Cetac U-5000AT USN 220/240V (Australia) |

Sample Introduction Spares and Consumables

Recommended Spares and Consumables for the Sample Introduction

Table 10. Recommended parts sample introduction

| P/N | Description |
|--------------|---|
| 842312051741 | EMT Radial Torch |
| BRE0012328 | EMT Duo Torch iCAP PRO |
| 842312051941 | EMT Injector Tube 1.0 |
| 842312051951 | EMT 1.5mm Torch Centre Tube |
| BRE0019895 | EMT Centre Tube 2.0 |
| 842312051961 | EMT Centre Tube 2.0 Ceramic (HF Resistant) |
| BRE0018982 | Torch Holder |
| BRE0019966 | Center Tube Holder |
| 842312051151 | Radial Spray Chamber Adaptor |
| 842312051411 | Cyclonic Spray Chamber |
| 842312051311 | Organics Spray Chamber |
| 842312051451 | Radial Spray Chamber HF |
| 842312051421 | Ball Joint Clip |
| 842312051431 | Concentric Nebuliser |
| 1161990 | Backflush kit for glass concentric nebulizers |
| 842312051331 | AeroSalt Nebuliser |
| 842312051321 | V Groove Nebuliser |
| 842312051471 | Mira Mist Nebuliser |
| 842312051402 | Nebulizer/Spray Chamber Connector Kit |
| 842312051751 | Sample Intro. Spares Kit |
| 842312051401 | Sampling O Ring Kit |
| 842312052204 | Base & Inner Tube for Radial & Duo D Torch |
| BRE0018578 | Ceramic Outer Tube for Duo D Torch iCAP PRO |
| 842312052206 | Ceramic Outer Tube for Radial D Torch |
| 842312052208 | Quartz Outer Tube for Radial D Torch |
| 842312052210 | Retaining Ring for Radial & Duo D Torch |
| 842312052211 | Injector Adaptor for Radial & Duo D Torch |
| 842312052213 | D Torch Sampling O Ring Kit |
| BRE0019540 | iCAP PRO Radial Cone |
| BRE0019550 | iCAP PRO Axial Cone |
| 842312052121 | Standard Argon Gas Filter Kit |

Options

ESI Autosamplers and Accessories

ESI Autosamplers and Accessories

Table 11. ESI Autosamplers and Accessories

| Parts | P/N | Description |
|-------------|--------------|---|
| Autosampler | 1238590 | Autosampler SC-2 DX without FAST |
| | 1238570 | Autosampler SC-4 DX without FAST |
| | 1329530 | Autosampler SC-8 DX without FAST |
| | 1238540 | Autosampler SC-14 DX without FAST |
| | 1329540 | Autosampler SC-2 DX with FAST (tray does not fit into iCAP PRO kitchen area) |
| | 842347004007 | Autosampler SC-4 DX with FAST (tray does not fit into iCAP PRO kitchen area) |
| | 1329560 | Autosampler SC-8 DX with FAST (tray does not fit into iCAP PRO kitchen area) |
| | 1329570 | Autosampler SC-14 DX with FAST (tray does not fit into iCAP PRO kitchen area) |
| Accessory | BRE0009103 | Enclosure for SC-2 DX |
| | BRE0008767 | Enclosure for SC-4 DX |

ESI Autosampler

ESI Autosampler Spares and Consumables

Table 12. ESI SC- Fast Autosampler (Consumables)

| P/N | Description |
|--------------|--|
| 842347004008 | ESI Inter. Std. Kit for SC Autosampler |
| 842347004009 | PFA-ST Nebuliser, low pressure |
| 842347004012 | SC-FAST internal standard addition tee |
| 842347004013 | 0.25mL Loop (1.6mm OD) |
| 842347004014 | 0.50mL Loop (1.6mm OD) |
| 842347004015 | 1.0mL Loop (1.6mm OD) |
| 842347004016 | 2.0mL Loop (3.2mm OD) |
| 842347004017 | 3.0mL Loop (3.2mm OD) |
| 842347004018 | 4.0mL Loop (3.2mm OD) |
| 842347004019 | Sample probe (0.8mm ID) |
| 842347004020 | Sample probe (0.5mm ID) |

ESI prepFAST

ESI prepFAST Autodilution System

Table 13. ESI prepFAST (Accessories)

| P/N | Description |
|------------|--|
| BRE0003998 | 2DX prepFAST for Thermo iCAP PRO / 7400 ICP-OE |
| BRE0003999 | 4DX prepFAST for Thermo iCAP PRO / 7400 ICP-OES |
| BRE0004000 | 8DX prepFAST for Thermo iCAP PRO / 7400 ICP-OES |
| BRE0004001 | 14DX prepFAST for Thermo iCAP PRO / 7400 ICP-OES |

NOTICE

The tray does not fit into the iCAP PRO kitchen area.

ESI prepFAST Autodilution Spares

Table 14. ESI prepFAST (Consumables)

| P/N | Description |
|------------|--|
| BRE0003843 | 3x 2L bottles Carrier/Diluent IS Rinse |
| 1301650 | Sample Probe carbon fiber, 1.0mm ID |
| BRE0003846 | Standards Rack 250 mL bottles (SC-4 DX) |
| BRE0003847 | Standards Rack 125 mL bottles (SC-2 DX) |
| BRE0003848 | Standards Rack 125 mL bottles SC-4/14 DX |
| BRE0003849 | Standards Rack 125 mL bottles (SC-8 DX) |
| BRE0003850 | Wide mouth HDPE bottle 250mL (12 each) |
| BRE0003851 | Wide mouth HDPE bottle 125mL (12 each) |
| BRE0003854 | 24V power supply, US, Europe, UK cords |
| BRE0003855 | RS-485 USB communications cable |
| BRE0003856 | prepFAST spares kit |

CETAC Autosamplers and Autodilution Systems

Table 15. CETAC Autosamplers and autodilution systems (Accessories)

| Parts | P/N | Description |
|-------------|------------|--|
| Autosampler | BRE0013184 | Cetac XLR-860 Autosampler |
| | BRE0007611 | CETAC ASX-280 Autosampler |
| | BRE0003260 | CETAC Model ASX560 Autosampler |
| | 1329920 | CETAC ASXpress Plus Rapid Sample Introduction (requires ASX-260, ASX-520 or ASX-560) |
| | BRE0018963 | ASX-7400 Stirring Autosampler |
| Autodilutor | BRE0008829 | SDX HPLD Auto Dilutor |
| | BRE0008830 | SDX HPLD Auto Dilutor Upgrade Kit |

CETAC Autosampler Consumables

Table 16. CETAC autosamplers (Consumables)

| Autosampler ^a | P/N | Description |
|--------------------------|--------------|--|
| | BRE0004296 | CETAC 0.3mm ID Carbon Fiber Probe, 108", black band |
| | 942315500161 | CETAC 0.5mm ID Carbon Fiber Probe, 108", blue band |
| | 942315500171 | CETAC 0.8mm ID Carbon Fiber Probe, 108", red band |
| | BRE0004300 | CETAC 0.9mm ID Carbon Fiber Probe, 70", yellow band |
| | BRE0004301 | CETAC 1.0mm ID Carbon Fiber Probe, 108", 2xblue band |
| ASX-500 Series | BRE0017633 | CETAC AS drip resistant probe 0.5 mm ID |
| | BRE0017634 | CETAC AS drip resistant probe 0.8 mm ID |
| | BRE0017635 | CETAC AS drip resistant probe 1.0 mm ID |
| | 842347004039 | ASXpress - Steel Filtered Probe for Oil |
| ASX-1400 | 842347004043 | Stirrer for ASX-1400 (spare) |
| | 942347004141 | CETAC 7mL Poly Tubes, 13 x 82mm, Flat bottom w/ cap for Rack 90 (1000/kit) |
| | BRE0004309 | CETAC 8mL Poly Tubes, 13 x 100mm Round bottom w/o cap for Rack 90 (1000/kit) |
| | 942347004131 | CETAC 14mL Poly Tubes, 16 x 100mm for Rack 60 (1000/kit) |
| | BRE0004311 | CETAC 15mL Poly Tubes, 17 x 100mm for Rack 60 (1000/kit) |
| | 942347004161 | CETAC 20mL Poly Tubes, 21.5 x 100mm for Rack 40 (500/kit) |

Table 16. CETAC autosamplers (Consumables), continued

| Autosampler ^a | P/N | Description |
|--------------------------|--------------|---|
| | 942347004111 | CETAC 30mL Poly Tubes 25 x 95mm for Rack 24 (500/kit) |
| ASX-560 | BRE0004344 | Rinse Station ASX-560 |

^a If nothing is shown the part number refers to ASX-260, 280, 520, 560, and XLR8.

CETAC ASX-560 Autosampler Consumables**Table 17. CETAC autosamplers (Consumables)**

| Autosampler ^a | P/N | Description |
|--------------------------|--------------|--|
| | 942347003971 | CETAC Drain Pump Tubing and ConnKit |
| | BRE0017632 | Viton Drain Tubing ASX-520 |
| | BRE0004331 | CETAC 2-Channel Peri Pump Tubing-- 2x2mm ID, Tan, PharMed, Black Clip |
| | BRE0004332 | CETAC 2-Channel Peri Pump Tubing-- 2x3mm ID, Tan, PharMed, Red Clip |
| | BRE0004333 | CETAC 2-Channel Peri Pump Tubing-- 3x3mm ID, Tan, PharMed, White Clip |
| | BRE0004334 | CETAC 2-Channel Peri Pump Tubing-- 2x2mm ID, Clear, Tygon, Black Clip |
| | BRE0004335 | CETAC 2-Channel Peri Pump Tubing-- 2x3mm ID, Clear, Tygon, Red Clip |
| | BRE0004336 | CETAC 2-Channel Peri Pump Tubing-- 3x3mm ID, Clear, Tygon, White Clip |
| | BRE0004337 | CETAC 2-Channel Peri Pump Tubing-- 2x2mm ID, Yellow, Tygon Fuels, Black Clip |
| | BRE0004338 | CETAC 2-Channel Peri Pump Tubing-- 2x3mm ID, Yellow, Tygon Fuels, Red Clip |
| | BRE0004339 | CETAC 2-Channel Peri Pump Tubing-- 3x3mm ID, Yellow, Tygon Fuels, White Clip |
| | BRE0004340 | CETAC 2-Channel Peri Pump Tubing-- 2x2mm ID, Black, Viton, Black Clip |
| | BRE0004341 | CETAC 2-Channel Peri Pump Tubing-- 2x3mm ID, Black, Viton, Red Clip |
| | BRE0004342 | CETAC 2-Channel Peri Pump Tubing-- 3x3mm ID, Black, Viton, White Clip |
| | BRE0004346 | CETAC Drain Pump Tubing and Connection Kit -- Tygon, Aqueous |
| | BRE0004312 | CETAC Drain Pump Tubing and Connection Kit -- Tygon Fuel and Lube, Oils |
| ASX-520 | BRE0017632 | Viton Drain Tubing ASX-520 |
| | BRE0004313 | CETAC Drain Pump Tubing and Connection Kit -- Superthane, Oils |

^a If nothing is shown the part number refers to ASX-560.

CETAC ASX-560 Autosampler Spares Services**Table 18. CETAC autosamplers (Spares)**

| Autosampler ^a | P/N | Description |
|------------------------------|------------|---|
| | BRE0004470 | USB Cable (3 Meters) |
| | BRE0004471 | RS-232 interface cable (3 Meters) Female/Female |
| ASX-260, 280, 520, 560, XLR8 | BRE0004306 | Thumbscrew and O-Ring Kit (probe mount kit) |

^a If nothing is shown the part number refers to ASX-560.

**CETAC SDX
Autodilution
System****CETA SDX Consumables****Table 19. CETAC SDX parts (Consumables)**

| P/N | Description |
|------------|--|
| BRE0008864 | 2 Liter Bottle |
| BRE0008879 | 15 Liter Bottle |
| BRE0008880 | 1 Liter Bottle |
| BRE0008865 | Sample Loop, 4.5 Ml |
| BRE0008882 | SDX to ICP Tubing |
| BRE0008866 | Sample Probe For Use With ASXpress Plus |
| BRE0008889 | Probes For ICP-OES without ASXpress |
| BRE0008868 | O-Ring Vortex Mixer and Vessel (2 pk) |
| BRE0008870 | Vortex Mixing Vessel with Tubing |
| BRE0008871 | Syringe Module Rinse Tubing Kit |
| BRE0008875 | Peri Pump Tubing Cartridge 1-Channel |
| BRE0008869 | 10 mL Hamilton Syringe |
| BRE0008885 | Vortexer Gaskets (Includes 2 gaskets) |
| BRE0004470 | USB Cable (3 Meters) |
| BRE0004471 | RS-232 interface cable (3 Meters) Female |
| BRE0004475 | 24-Volt Power Supply |
| BRE0008861 | Power Cord - USA, Canada, Japan, Mexico |
| BRE0008862 | Power Cord - Europe, Russia |
| BRE0008863 | Power Cord - UK, Ireland |
| BRE0008867 | Power Cord for AUS CHN NZL ARG |
| BRE0008883 | Power Bridge Cable |

**CETAC ASX
Integrated
Enclosures****CETAC ASX Integrated Enclosure Parts****Table 20. CETAC ASX-560 enclosures (Consumables)**

| P/N | Description |
|------------|-------------------------------------|
| BRE0020243 | Ventilated Dust Cover for ASX-560 |
| BRE0020244 | Ventilated Dust Cover for ASX-280 |
| BRE0020245 | Ventilated Dust Cover for XLR-860 |
| BRE0020246 | CETAC Dust Cover Filter & Adapter |
| BRE0020247 | CETAC Dust Cover ASX-560 Base |
| BRE0020248 | CETAC Dust Cover ASX-280 Base |
| BRE0020249 | CETAC Dust Cover XLR-860 Base |
| BRE0020250 | CETAC Dust Cover Fan, Australia |
| BRE0020251 | CETAC Dust Cover Fan, Europe |
| BRE0020252 | CETAC Dust Cover Fan, North America |

ASXpress**CETAC ASXpress Consumables****Table 21. CETAC ASXpress (Consumables)**

| P/N | Description |
|--------------|--|
| 842312052641 | Organics Sprint Valve Kit |
| 842312052631 | Aqueous Sprint Valve Kit |
| 842347004033 | ASXpress 1.0mm Carbon Fiber Sample Probe |
| 842347004036 | ASXpress 1/16in Barbed Tee Connector Kit |
| 842347004039 | ASXpress - Steel Filtered Probe for Oil |

Kits for iCAP PRO Series

Radial

Table 21. CETAC ASXpress (Consumables), continued

| P/N | Description |
|--------------|--------------------------------------|
| 842347004047 | ASXpress - Sample Loop 2mm ID/0.7ml |
| 842347004048 | ASXpress - Sample Loop 2mm ID/1.0ml |
| 842347004049 | ASXpress - Sample Loop 2mm ID/1.5ml |
| 842347004050 | ASXpress - Sample Loop 2mm ID/2.0ml |
| 842347004051 | ASXpress - Sample Loop 2mm ID/3.0ml |
| 842347004052 | ASXpress - Sample Loop 2mm ID/4.0ml |
| 842347004053 | ASXpress - Sample Loop 2mm ID/5.0ml |
| 842347004054 | ASXpress - Sample Loop 1mm ID/1.02ml |
| 842347004055 | ASXpress - Sample Loop 1mm ID/1.48ml |
| 842347004056 | ASXpress - Sample Loop 1mm ID/2.0ml |
| 842347004057 | ASXpress - Sample Loop 1mm ID/3.0ml |
| BRE0008922 | V/P Tubing Kit Aqueous |
| BRE0008923 | V/P Tubing Kit Oils |
| BRE0008924 | Passive Bubbling Tee |

Table 22. iCAP PRO Radial Aqueous Kit (P/N BRE0019956)^a

| Part number | Description | Quantity |
|--------------|------------------------------|----------|
| BRE0018982 | Torch holder | 1 |
| BRE0019966 | Centre tube holder | 1 |
| BRE0019945 | Torch - radial | 1 |
| BRE0019943 | Centre tube 1.5 mm | 1 |
| BRE0019891 | Spray chamber aqueous | 1 |
| 842312051431 | Nebulizer – glass concentric | 1 |
| BRE0019884 | Radial adaptor 18/9 ball | 1 |
| 1516222 | Tubing set for iCAP | 1 |
| 842312051421 | Ball joint clip | 1 |
| 84231205151 | Pump sample tube aqueous | 1 |
| 84231205152 | Pump drain tube aqueous | 1 |

^a Used for the analysis of aqueous samples with low matrix load

Table 23. iCAP PRO High Solids Kit (P/N BRE0019957)^a

| Part number | Description | Quantity |
|--------------|--------------------------|----------|
| BRE0018982 | Torch holder | 1 |
| BRE0019966 | Centre tube holder | 1 |
| BRE0019945 | Torch - radial | 1 |
| BRE0019895 | Centre tube 2.0 mm | 1 |
| BRE0019935 | Organics spray chamber | 1 |
| 842312051331 | AeroSalt Nebulizer | 1 |
| BRE0019884 | Radial adaptor 18/9 ball | 1 |
| 1516222 | Tubing set for iCAP | 1 |
| 842312051421 | Ball joint clip | 1 |

^a Used for the analysis of samples containing a high matrix load (3% total dissolved solids and above)

DUO

Table 24. iCAP PRO Radial Organics Kit (P/N BRE0019958)^a

| Part number | Description | Quantity |
|--------------|--------------------------|----------|
| BRE0018982 | Torch holder | 1 |
| BRE0019966 | Centre tube holder | 1 |
| BRE0019945 | Torch - radial | 1 |
| BRE0019938 | Centre tube 1.0 mm | 1 |
| BRE0019935 | Organics spray chamber | 1 |
| 842312051321 | V Groove Nebulizer | 1 |
| BRE0019884 | Radial adaptor 18/9 ball | 1 |
| 1516222 | Tubing set for iCAP | 1 |
| 842312051421 | Ball joint clip | 1 |

^a Used for the analysis of organic solvents with mid to high boiling point

Table 25. iCAP PRO Radial HF Kit (P/N BRE0019960)^a

| Part number | Description | Quantity |
|--------------|-----------------------------|----------|
| BRE0018982 | Torch holder | 1 |
| BRE0019966 | Centre tube holder | 1 |
| BRE0019945 | Torch - radial | 1 |
| BRE0019940 | Centre tube 2.0 mm ceramics | 1 |
| BRE0019942 | Spray chamber HF | 1 |
| 842312051471 | Mira Mist Nebulizer | 1 |

^a Used for the analysis of samples containing hydrofluoric acid

Table 26. iCAP PRO Duo Aqueous Kit (P/N BRE0019681)^a

| Part number | Description | Quantity |
|--------------|------------------------------|----------|
| BRE0018982 | Torch holder | 1 |
| BRE0019966 | Centre tube holder | 1 |
| BRE0012328 | EMT Duo torch iCAP PRO | 1 |
| BRE0019895 | Centre tube 2.0 mm | 1 |
| BRE0019891 | Spray chamber aqueous | 1 |
| 842312051431 | Nebulizer – glass concentric | 1 |
| BRE0019884 | Radial adaptor 18/9 ball | 1 |
| 1516222 | Tubing set for iCAP | 1 |
| 842312051421 | Ball joint clip | 1 |
| 84231205151 | Pump sample tube aqueous | 1 |
| 84231205152 | Pump drain tube aqueous | 1 |

^a Used for the analysis of aqueous samples with low matrix load

Table 27. iCAP PRO Duo Solids Kit (P/N BRE0019682)^a

| Part number | Description | Quantity |
|--------------|--------------------------|----------|
| BRE0018982 | Torch holder | 1 |
| BRE0019966 | Centre tube holder | 1 |
| BRE0012328 | EMT Duo torch iCAP PRO | 1 |
| BRE0019895 | Centre tube 2.0 mm | 1 |
| BRE0019935 | Organics spray chamber | 1 |
| 842312051331 | AeroSalt Nebulizer | 1 |
| BRE0019884 | Radial adaptor 18/9 ball | 1 |
| 1516222 | Tubing set for iCAP | 1 |
| 842312051421 | Ball joint clip | 1 |

^a Used for the analysis of samples containing a high matrix load (3% total dissolved solids and above)

Table 28. iCAP PRO Duo Organics Kit (P/N BRE0019683)^a

| Part number | Description | Quantity |
|--------------|--------------------------|----------|
| BRE0018982 | Torch holder | 1 |
| BRE0019966 | Centre tube holder | 1 |
| BRE0012328 | EMT Duo torch iCAP PRO | 1 |
| BRE0019938 | Centre tube 1.0 mm | 1 |
| BRE0019935 | Organics spray chamber | 1 |
| 842312051321 | V Groove Nebulizer | 1 |
| BRE0019884 | Radial adaptor 18/9 ball | 1 |
| 1516222 | Tubing set for iCAP | 1 |
| 842312051421 | Ball joint clip | 1 |

^a Used for the analysis of organic solvents with mid to high boiling point

Table 29. iCAP PRO Duo Volatile Organics Kit (P/N BRE0019684)^a

| Part number | Description | Quantity |
|--------------|------------------------------|----------|
| BRE0018982 | Torch holder | 1 |
| BRE0019966 | Centre tube holder | 1 |
| BRE0012328 | EMT Duo torch iCAP PRO | 1 |
| BRE0019938 | Centre tube 1.0 mm | 1 |
| 824312051431 | Nebulizer – glass concentric | 1 |
| 1516222 | Tubing set for iCAP | 1 |

^a Used for the analysis of organic solvents with mid to high boiling point

Table 30. iCAP PRO Duo HF Kit (P/N BRE0019685)^a

| Part number | Description | Quantity |
|--------------|-----------------------------|----------|
| BRE0018982 | Torch holder | 1 |
| BRE0019966 | Centre tube holder | 1 |
| BRE0012328 | EMT Duo torch iCAP PRO | 1 |
| BRE0019940 | Centre tube 2.0 mm ceramics | 1 |
| BRE0019942 | Spray chamber HF | 1 |
| 842312051471 | Mira Mist Nebulizer | 1 |

^a Used for the analysis of samples containing hydrofluoric acid

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