

S35 GAS SAMPLING SYSTEMS SPARES AND ACCESSORIES

MECHATECH
SYSTEMS

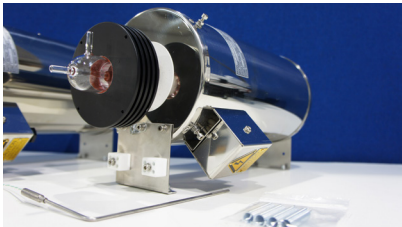
TECHNICAL VACUUM EXCELLENCE SINCE 2008

**OXIDATION FURNACES, SILICA REACTION TUBES, SC575 FURNACE
SPARES - FORMERLY SUPPLIED BY SEVERN SCIENCE**

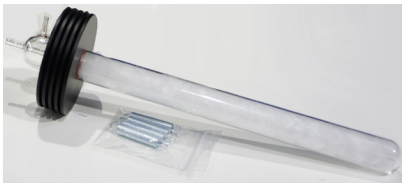
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MechaTech Systems supply tube furnaces, silica reaction tubes, thermocouples, and associated glassware, such as Dreschel bottles, head and stem and ground diffusers.

MechaTech Systems use original [Severn Science](#) part numbers, to ensure that identification is clear and straightforward. Catalogue ID numbers can be cross-referenced.



S35-01A Furnace with silica reaction tube



S35-07 Silica reaction tube

MechaTech Systems are regular suppliers to all UK EDF and Magnox/NRS sites, and also to their supply chain including ERIKS and NSG



| Part No. | Item description |
|-------------------|--|
| S35-01A | 1200°C 110v Furnace |
| S35-03 | Thermocouple for S35-01A Furnace |
| S35-07 | Silica Reaction Tube |
| S35-07 CuO | Silica Reaction Tube Copper catalyst |
| S35-07 PtAl | Silica Reaction Tube Platinum Alumina catalyst |
| S35-17A | Multi-purpose sampler bubbler complete (includes inlet and outlet stem) |
| S35-31 | Furnace Tube 1" x 26" |
| S35-41A | Thermocouple |
| S35-42 | Furnace tube assembly |
| S35-47B | Head and Stem with ground diffuser |
| S35-51A | Thermal fuse 1250°C |
| S35-60 | Short stem 250ml Drechsel bottle |
| S35-61 | Long stem 250ml Drechsel bottle |
| S35-63 | Bottle 500ml (price for 10 off min order qty). |
| S35-64 | Bottle 250ml (price for 10 off min order qty). |
| S35-66 | Drechsel bottle 250ml |
| S35-70 | Head and Stem with ground diffuser (use with 500ml drechsel bottle) |
| S35-80 | Drechsel bottle carrier with lid, SS, for up to 6 x 250ml drechsel bottles |
| FS35-100A | SC575 Furnace (updated design 2024 replaces FS35-100, plug and play) |
| FS35-105 | High temperature gaskets (set of 8) |
| FS35-108 | Reaction tube assembly for SC575 Furnace |
| FS35 -116/117/118 | O rings for Severn Science Iodine Filter |
| FS35-119 | Carbon container for Severn Science Iodine Filter |
| FS35-120 | Grill for Severn Science Iodine Filter |
| FS35-120A | Ring for mesh filter |
| FS35-120B | Stainless steel mesh |
| FS35-121 | Sintered particulate filter |
| FS35-134 | Particulate Filter |
| FS35-135 | Particulate Filter |
| C004 | Quartz Wool (10g pack) |
| C011 | Gas pump |
| C012 | Viton diaphragm and valve set |
| C029A | Gas meter |
| C061A | Matched set of four heating elements |
| C063 | Thermocouple SC575 furnace |
| C064 | Thermal fuse SC575 furnace |
| S35 | Multipurpose Gas Sampling System (Total Oxidation Unit TOU) |

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