

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.

MechaTech Systems are regular suppliers to all UK EDF and NRS sites and also to their supply chain.

Part Number	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

Continued on Pg 2

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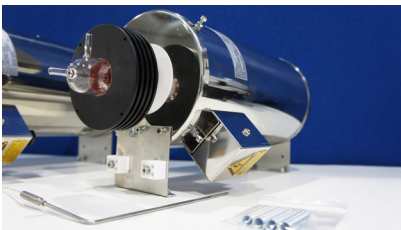
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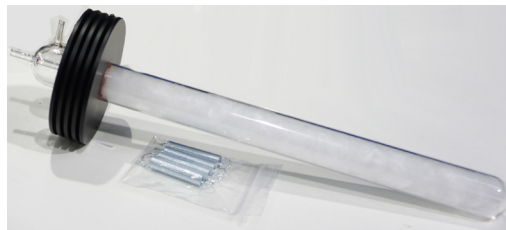
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Part No.	Item description
FS35-134	Particulate Filter
FS35-135	Particulate Filter
FS35-150	Heater for BCD Trolley
FS35-160	RP120V Pump hose connection kit
FS35-161	Securing springs (pair)for FS35-108 Furnace worktube
FS35-162	Cubicle Air Inlet Filter
FS35-163	Flowmeter for Contam stack sampling cubicle
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



S35-01A Furnace with
silica reaction tube



S35-07 Silica reaction tube



MechaTech
Systems
regularly
supply EDF
and NRS sites

As regular suppliers to EDF and Nuclear Restoration Services, MechaTech Systems also provide on-site scheduled maintenance and repairs of S35 Gas Sampling Systems (TOUs) manufactured by MechaTech Systems or Severn Science Ltd.

We provide Service Contracts for scheduled equipment service at preferential rates and upgrades or modifications to existing gas sampling units and particulate collection systems, including those that were supplied by Severn Science.

Registered and audited by Achilles UVDB, we regularly visit nuclear and decommissioning sites to conduct repairs and maintenance. Please email enquiries@mechatechsystems.co.uk or phone +44 (0) 1454 414723 for a quotation or any further information.

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Supply Chain
Charter for Nuclear
Decommissioning
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