



## GERSTEL Thermal Desorption System TDS

### Desorption tubes, not conditioned

| Description   | units   | Part No.                       |
|---|---------|--------------------------------|
| packed with Tenax TA 60/80, OD 6.00 mm  | 5       | 012260-005-00                  |
| packed with Tenax GR, OD 6.00 mm  | 5       | 012275-005-00                  |
| packed with Chromosorb 106, OD 6,00 mm  | 5       | 012276-005-00                  |
| packed with Carbosieve, OD 6.00 mm  | 5       | 012277-005-00                  |
| packed with Carbotrap 300, multibed, OD 6.00 mm   | 5       | 012346-005-00                  |
| Desorption tube kit, included tubes packed with:<br>- Carbotrap 300<br>- Tenax TA 60/80<br>- Tenax GR<br>- Chromosorb 106<br>- Carbosieve | 5       | 012347-005-00                  |
| packed with Teax/Carboxene, OD 6.00 mm,<br>in storage container, glass tube   | 1       | 009118-000-00                  |
| empty, with marking   | 1<br>10 | 010649-000-00<br>010649-010-00 |
| empty, with marking and glass frit  | 1<br>10 | 010650-000-00<br>010650-010-00 |
| empty, OD 6.00 mm ID 4.5 mm<br>for GERSTEL Twister with film thickness 1.0 mm   | 10      | 012518-010-00                  |
| empty, stainless steel OD 6.00 mm   | 1       | 013790-000-00                  |

### Desorption tubes, conditioned

| Description  | units | Part No.      |
|--|-------|---------------|
| packed with Carbotrap 202, OD 6.00 mm,<br>in storage container, glass tube   | 1     | 012458-000-00 |
| packed with Tenax 60/80, OD 6.00 mm<br>in storage container, glass tube      | 1     | 009947-000-00 |
| packed with Tenax 60/80, OD 6.00 mm<br>in storage container, stainless steel | 1     | 010040-000-00 |
| packed with Tenax GR, OD 6.00 mm<br>in storage container, glass tube         | 1     | 009948-000-00 |



| Description  | units | Part No.      |
|--|-------|---------------|
| packed with Tenax GR, OD 6.00 mm<br>in storage container, stainless steel                      | 1     | 010041-000-00 |
| packed with Tenax GR 180 mg-60/80,<br>OD 6.00 mm, in storage container, glass tube             | 1     | 012459-000-00 |
| packed with Carbosieve S III, OD 6.00 mm<br>in storage container, glass tube                   | 1     | 009949-000-00 |
| packed with Carbosieve, S III OD 6.00 mm<br>in storage container, stainless steel              | 1     | 010042-000-00 |
| packed with Carbotrap 300, OD 6.00 mm<br>in storage container, glass tube                      | 1     | 008357-000-00 |
| packed with Carbotrap 300, OD 6.00 mm<br>in storage container, stainless steel                 | 1     | 010044-000-00 |
| packed with Carbotrap 349, OD 6.00 mm<br>in storage container, glass tube                      | 1     | 009117-000-00 |
| packed with Carbotrap 217, OD 6.00 mm<br>in storage container, glass tube                      | 1     | 013115-000-00 |
| packed with Carbotrap C, OD 6.00 mm<br>in storage container, stainless steel                   | 1     | 013791-000-00 |
| packed with Tenax TA und Carbosieve SIII,<br>OD 6.00 mm; in storage container, stainless steel | 5     | 014752-005-00 |
| packed with Carbotrap B und Carbotrap C, OD 6.00 mm, in<br>storage container, stainless steel  | 5     | 015244-005-00 |

### Sorption tubes

| Description  | units | Part No.      |
|--|-------|---------------|
| packed with PDMS, OD 6.00 mm,<br>for gaseous samples | 1     | 009171-000-00 |



### Spare parts for Desorption tubes

| Description (nicht deaktiviert)   | units | Part No.      |
|---|-------|---------------|
| Storage container for OD 6.00 mm  | 1     | 008351-000-00 |
| End cap set for OD 6.00 mm;<br>stainless steel, with PTFE seals         | 1     | 008235-060-00 |
| End caps for OD 6.00 mm,<br>stainless steel, with PTFE seals            | 10    | 012659-010-00 |
| Storage end caps 1/4", 3,5" long, brass                                 | 20    | 011754-020-20 |
| TDS empty tubes OD 1/4"x3,5" long, stainless steel                      | 1     | 011619-000-00 |
| Diffusion caps for TDS tubes OD 1/4"                                    | 10    | 011620-010-00 |
| Screens for ID 4.00 mm  | 10    | 008980-010-00 |
| Screens for TDS Desorption tubes<br>in combination with GERSTEL-Twister | 10    | 015686-010-00 |
| End cap set for TDS tube  | 1     | 009209-000-00 |
| Tweezer for handling TDS tubes  | 1     | 009970-050-00 |

### Transfer line

| Description                        | length | Part No.      |
|------------------------------------|--------|---------------|
| Fused Silica, OD 0.70 - ID 0.53 mm | 5 m    | 008644-005-00 |
| Prosteel, OD 0.70 - ID 0.53 mm     | 5 m    | 008687-005-00 |
| Silcosteel, OD 0.74 - ID 0.53mm    | 5 m    | 010963-005-00 |
| Sulfinert, OD 0.74 - ID 0.53 mm    | 5 m    | 012185-005-00 |

### Transfer line kit

| Description                        | length / units | Part No.      |
|------------------------------------|----------------|---------------|
| Fused Silica, OD 0.45 - ID 0.32 mm | 1m             | 011003-000-00 |
| GRAPHPACK 2M ferrule               | 10             |               |
| Prosteel, OD 0.67 - ID 0.53 mm     | 1m             | 011004-000-00 |
| GRAPHPACK 2M ferrule               | 10             |               |
| Silcosteel, OD 0.72 - ID 0.53 mm   | 1m             | 011005-000-00 |
| GRAPHPACK 2M ferrule               | 10             |               |
| Sulfinert, OD 0.74 - ID 0.53 mm    | 1m             | 012186-000-00 |
| GRAPHPACK 2M ferrule               | 10             |               |



**Direct interface**

| Description                               | units | Part No.      |
|---|-------|---------------|
| TDS 2/3 with CIS 3, OD 0.70 mm            | 1     | 007823-007-00 |
| TDS 2/3 with CIS 4, OD 0.70 mm            | 1     | 008311-007-00 |
| TDS 2/3 - TDS G with CIS 3s; OD 0.70      | 1     | 011025-007-00 |
| TDS 2/3 with CIS 3s Tremetics, OD 0.70 mm | 1     | 011628-007-00 |
| TDS 2/3 with CIS 3, OD 0.45 mm            | 1     | 007823-045-00 |
| TDS 2/3 with CIS 4, OD 0.45 mm            | 1     | 008311-045-00 |
| TDS 2/3 - TDS G with CIS 3s; OD 0.45      | 1     | 011025-045-00 |
| TDS 2/3 with CIS 3s Tremetics, OD 0.45 mm | 1     | 011628-045-00 |

**GRAPHPACK 2M adapter**

| Description    | units | Part No.      |
|----------------|-------|---------------|
| for OD 0.45 mm | 1     | 007820-045-00 |
| for OD 0.7 mm  | 1     | 007820-007-00 |
| Silver seal    | 5     | 007821-005-00 |



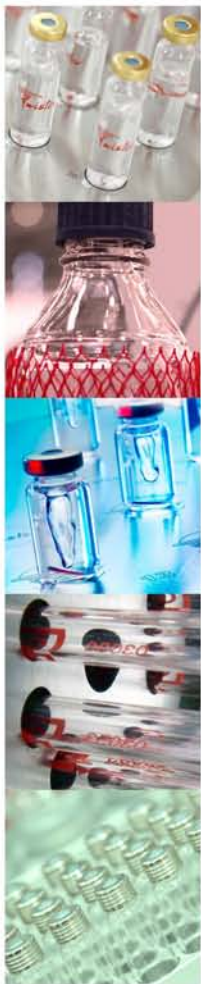
## GERSTEL TDS-A Autosampler

### Spare parts for TDS-A Magazine

| Description | units | Part No.      |
|-------------|-------|---------------|
| O-rings     | 10    | 008174-010-00 |

### Spare parts for TDS-A2 Magazine

| Description  | units | Part No.      |
|--|-------|---------------|
| Sealing plugs  | 10    | 014173-010-00 |
| O-rings  | 10    | 015471-010-00 |
| Set sealing plug with locking pin  | 10    | 014822-010-00 |
| Sealing adapter with viton flat seal   | 10    | 014879-010-00 |
| Fastening angle with Viton flat sea  | 1     | 014898-000-00 |
| Sealing adapter with Viton O-Ring  | 10    | 015470-010-00 |
| Fastening angle with Viton O-ring  | 1     | 015469-000-00 |
| Seal set consisting of:<br>- Fastening angle with Viton flat seal (1unit)<br>- Sealing adapter with Viton flat seal (21 units) |       | 015285-000-00 |
| Seal set consisting of:<br>- Fastening angle with Viton O-ring (1 unit)<br>- Sealing adapter with Viton O-ring (21 units)      |       | 015286-000-00 |



# GERSTEL certified SUPPLIES

## GERSTEL Pyrolysis Module PM

### Spare parts

| Description  | units | Part No.      |
|--|-------|---------------|
| Desorption tube, OD 6.0 mm-ID 5.0 mm empty                       | 10    | 009553-010-00 |
|  | 100   | 009553-100-00 |
| Sample tubes   | 10    | 009250-010-00 |
|  | 50    | 009250-050-00 |
| Sample tube Quartz glass for TDS 2-PYRO-XL<br>OD 2.5 mm-ID 1.9mm | 20    | 015137-020-00 |
|  | 100   | 015137-100-00 |
| Desorption tube, OD 6.0 mm-ID 5.0 mm empty,                      | 10    | 009553-010-00 |
|  | 100   | 009553-100-00 |

**GERSTEL**

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