



INNTEG T2110

Thermal Desorption Tube Conditioner

Conditioned adsorption tube is essential. Thermal desorption tube conditioner is independently of the GC/MS system, eliminating the risk of system contamination during conditioning.

Advantages

-  Compact and can be operated in fumehood
-  No tools required for handling the tubes
-  Patented gas control technology, independent pipelines for each
-  Protective cover to prevent touching hot surface during conditioning process
-  High pressure and low flow design to ensure steady flow

Application

The thermal desorption tube is heated to a constant temperature with nitrogen gas purging to remove the residual substances in the adsorption tube, so as to avoid interference with subsequent detection steps and ensure the accuracy of data in the experimental process. Widely used in environmental detection, indoor air quality, consumer goods quality detection, food and beverage, aroma and smell, air quality of cars.

Features

- Plug-in design, inert and take out the desorption tubes without tools
- Overheat protection, automatically cut off the power supply when the temperature exceeds the threshold
- Drying function to remove the residual moisture in the thermal desorption tubes and avoid affecting the adsorption effect of packing
- Integrated timer with buzzer function
- High pressure and low flow design to ensure flow stability
- Simple and convenient operation panel: multi-parameter real-time display of data
- Equipped with pressure gauge: real-time display system pressure and the gas supply situation;
- Patented air flow control technology ensures the uniformity of flow rate of all adsorption tubes. Up to 10 tubes can be conditioned at the same time
- Rapid heating from room temperature to 350°C in 3 minutes
- Cool down to room temperature in 10 minutes after conditioning, reduce waiting time and improve efficiency

Technical Data

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| Model | INNOTEG T2110 |
| Power supply | 220V 50HZ |
| Machine power | 300W |
| Adsorption tube number | 10 |
| Suitable adsorption tube size | ¼ x 3.5IN |
| Adjustable safe temperature range (°C) | Ambient temperature ~ 400°C |
| Accuracy of heating control * | ±1°C |
| Input pressure | 0~0.6Mpa |
| Aging flow | 0~200ml/min |
| Dimensions (W x D x H, mm) | 220 x 200 x 140 |
| Total weight (g) | 3500 |
| Operating temperature (°C) | 18°C - 30°C |
| Operating humidity | 20%-80% |

Ordering Guide

| Part No | Description | Packaging |
|---------|---|-----------|
| T2110 | Thermal desorption tube aging apparatus, 10 sample positions, suitable for adsorption tube size ¼ x 3.5IN | 1/PK |