



# Introducing YL2800T

All-In-Ones  
GC Autosampler



**YOUNG IN**  
Chromass

# M@2800T (1/2)

## Overview



- **High sample capacity**
  - HS: 42 samples
  - Liquid: 121 samples
  - SPME: 42 samples
- YL2800T **modality switch operations** were already easier than its competitors: YL2800T is even better though the new **touch screen wizard**
- Features all goodies already available with YL2000H/YL3000A platform:
  - **Quick Installation**
  - **Target Illumination**
  - **Preventive maintenance counters**
  - **CFR 21 Part 11**
- Share the same mounting kit of YL2000H/YL3000A: **5 minutes is the time required to move M@2800T from one GC to another one's**

# M@2800T (2/2)

## Overview



- **SPME mode:**
  - Re-engineering of **SPME fiber cleaning module** in order to have it better integrated in the design.
  - Added support to 2cm SPME fiber for usage with low concentration compounds
  - Unified inlet for SPME fiber cleaning and HS syringe purge
  - New DEMO mode with temporary license!!
- **Liquid mode:**
  - From 5 to 6 solvents
  - Include double wash mode
- **Headspace: mode:** includes all improvements announced for YL2000H, such as the lowest total cost of ownership in the market

## M@2800T: Smart Technologies For The Best User Experience!



- Our R&D team has put together a **unique portfolio of patented, proprietary or licensed technologies.**
- To provide additional robustness to your **headspace analysis:**
  - system integrity test
  - vial leakage.
  - headspace syringes that provide an excellent performance over a large temperature range
- To provide additional robustness to your **liquid sample analysis:**
  - SyringeID
- To provide additional robustness to your **SPME analysis:**
  - Oven design offers superior thermal stability also on long extraction time method

# GC Autosamplers

## Headspace and All-In-Ones Autosampler

|                                      | <b>M@2100H</b>        | <b>M@2000H</b>      | <b>M@2800T</b>           |
|--------------------------------------|-----------------------|---------------------|--------------------------|
| <b>Headspace</b>                     | YES<br>(14 samples)   | YES<br>(42 samples) | YES<br>(42 samples)      |
| <b>Liquid injection</b>              | -                     | -                   | YES<br>(121 samples)     |
| <b>SPME</b>                          | -                     | -                   | Optional<br>(42 samples) |
| <b>User Interface</b>                | Keypad                | Touchscreen         | Touchscreen              |
| <b>Oven position(s)</b>              | 1                     | 6                   | 6                        |
| <b>Shaking capability</b>            | YES<br>(Sussultatory) | YES<br>(Orbital)    | YES<br>(Orbital)         |
| <b>Programmable injection volume</b> | YES                   | YES                 | YES                      |
| <b>Supported Headspace Syringe</b>   | 1, 2.5, 5mL           | 1, 2.5, 5mL         | 1, 2.5 mL                |

## Product Models



### **M@2800T**

The standard model include Headspace and Liquid kit. SPME can be sourced separately, also at a later time.

### **M@2850T**

Same as YL2800T. It also includes SPME cleaning device