

Supports automated analysis, improves analysis reliability and enables significant workload reduction.

# Auto-Shot Sampler AS-2020E

## Enhanced throughput for pyrolysis GC measurements

Automatic analysis of up to 48 samples

Supports various analysis modes for pyrolysis-GC/MS

### Features

#### 1. Significant improvement in work efficiency by significant workload savings

Continuous day/night operation of up to 48 samples allows the analyst to obtain analysis results while working on other tasks.

#### 2. Greatly improved analysis reliability

It minimizes inter-analyst variability and eliminates individual errors, thereby improving the reliability of the analysis results.

#### 3. Significant improvements over previous models

Compared with the previous model (AS-1020E), the sample cup recovery rate has greatly been improved. In addition, the new design makes it easy to replace damaged seal parts etc., thus improving maintainability. Furthermore, the main body is compact and easy to handle.

(The function, operation, and installation are the same as the previous model (AS-1020E). The same sample cups can be used in common with the previous model.)



### Specifications

Sample introduction	Free fall into the furnace of Multi-functional pyrolyzer
Sample cup recovery	Gas blow-up recovery using pressurized carrier gas (helium or nitrogen gas)
Pyrolyzer	Multi-shot pyrolyzer (EGA/PY-3030D), etc.
Number of sample cups	Maximum 48
Supported analytical mode	Single-shot analysis, Double-shot analysis, Evolved gas analysis, and Heart-cut EGA analysis
Power requirements	100 - 240 VAC, 60 VA (wide power supply compatible)
Dimension (mm)	W160 x D157 x H276 *Excluding protrusions



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