



PYGC-561 Thermal cracking detachment device

RoHS2.0 control scope

Electronic and electrical equipment is designed to operate with a voltage of AC not exceeding 1000V and DC not exceeding 1500V. Normal operation requires equipment that relies on current or electromagnetic fields and equipment that realizes the generation, transmission and measurement of these currents and magnetic fields. A total of 11 categories of products are shown in the figure:



All equipment that relies on electrical current or electromagnetic fields to perform at least one intended function, unless it is exempt.

Note: Category 11 is other electronic and electrical equipment not covered by the above 10 categories.

Thermal cracking o-benzene solution



- Ceramic heating
- Using the most advanced ceramic heating mode
- Precise temperature control
- ±5°C(interface graphic display)
- Electronic flow control
- Equipped with 4-way imported EPC control sensors
- Temperature Sensor
- Using imported nickel diamond temperature control module
- Programmed temperature rise
- Multi-level program temperature rise function can be set
- Real-time temperature control
- Equipped with real-time temperature control curve on PC
- Extensions
- 16 kinds of phthalate/polybiphenyl/TOTM/ VOCs/ benzene series California 65/ REACH/US TSCA/PIP/DMP/DPHP, etc.

Features and Benefits

<p>Short sample preparation time</p> <p>direct solid and liquid sampling, ultra-fast results in 20 minutes.</p>	<p>No need to build a laboratory</p> <p>no chemical reagents are involved, no environmental impact assessment is required, and no laboratory is required to be built.</p>	<p>No chemical pretreatment required</p> <p>direct solid/liquid injection without chemical pretreatment.</p>	<p>Programmable temperature rise function</p> <p>adopts 5°C/step programmable program temperature rise function.</p>
<p>Low cost of use</p> <p>only a few pyrolysis tubes are needed daily, and the cost of use is as low as 8,000 yuan/year.</p>	<p>Ceramic heating module</p> <p>The world's leading ceramic heating module, with attenuation less than 10% after 60,000 hours.</p>	<p>Full EPC control/full solenoid valve control</p> <p>The gas path and detector are both controlled by EPC, and solenoid valves are used for gas path switching.</p>	<p>Can reverse control the PC program control software</p> <p>can reverse control the instrument, can display all operations, and can save operation logs.</p>

Features and Benefits

On June 4, 2015, the Official Journal of the European Union (OJ) published the RoHS2.0 revised directive (EU) 2015/863, officially including DEHP/BBP/DBP/DIBP in the list of restricted substances in Appendix II. So far, there are ten items in Appendix II. Mandatory controlled substances.

See table below for details:

restricted substances	maximum concentration allowed	Applicable start date (Type 1-7-10)	Applicable start date (Type 8 Type 9)	Applicable start date (Other electrical and electronic equipment)
Lead	0.1%	July 1, 2016	July 22, 2014 In vitro diagnostic medical machines: July 22, 2016 Industrial Monitoring + Control Machines: July 22, 2017	July 22, 2019
HG	0.1%			
cadmium	0.01%			
Hexavalent chromium	0.1%			
Bromine flame retardant	PBB	0.1%	July 22, 2019	July 22, 2021
	PBDE	0.1%		
Phthalate ester	DEHP	0.1%		
	BBP	0.1%		
	DBP	0.1%		
	DIBP	0.1%		

After the issuance of this revised directive, EU member states must convert this directive into national regulations and implement it before December 31, 2016. And from July 22, 2019, all electronic and electrical products (except medical and monitoring equipment) exported to Europe must meet this restriction: From July 22, 2021, medical equipment (including in vitro medical equipment) and monitoring equipment (including industrial Monitoring equipment) will also be included in this control scope. In addition, toy products that are already controlled by phthalates in Article 51 of Annex XVII of REACH will not be controlled by DEHP/BBP/DBP in this directive.

Implementation date of the four new phthalates controls: Considering that it will take some time for companies to meet the new hazardous substance requirements, (EU) 2015/863 stipulates the corresponding transition period: All electronic and electrical products (except Medical equipment and monitoring instruments) need to meet new requirements starting from July 22, 2019, and medical equipment and monitoring instruments need to meet new requirements starting from July 22, 2021.