



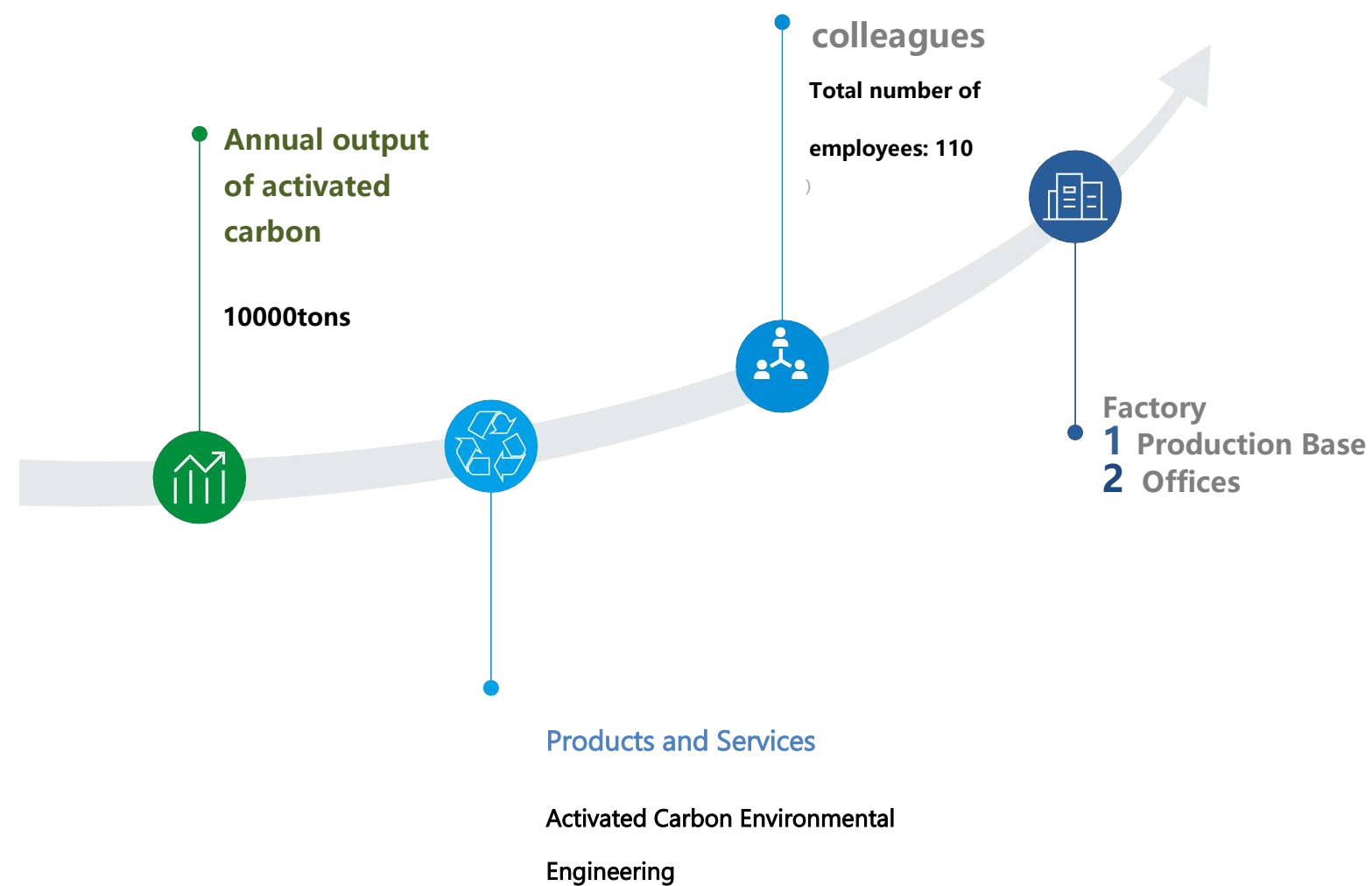
01

COMPANY PROFILE



怡泰环保专注于
高端节能环保材料

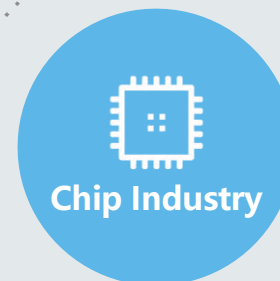
Yitai Environmental Protection specializes in high-end energy-saving and environmentally-friendly materials. With years of industry experience, we focus on the R&D, production and sales of premium activated carbon products, including coconut shell activated carbon, gold extraction activated carbon, and high-efficiency adsorption carbon for water treatment, solvent recovery, waste gas treatment and catalyst support. Adhering to the principle of quality first and technological innovation, we provide reliable, high-performance environmental materials and customized solutions for global customers in water treatment, environmental protection, chemical engineering, mining and other fields. We are committed to creating a greener future with professional technology and high-quality products.





APPLICATION SCOPE >>>

Yitai Activated Carbon is one of the most important suppliers in the domestic and international high-end markets. Its products are sold worldwide under the brand YITAI.



Activated Carbon FACTORY



LABORATORY



Activated Carbon for Laboratory Use

CTC Adsorption Tester / CTC Detector

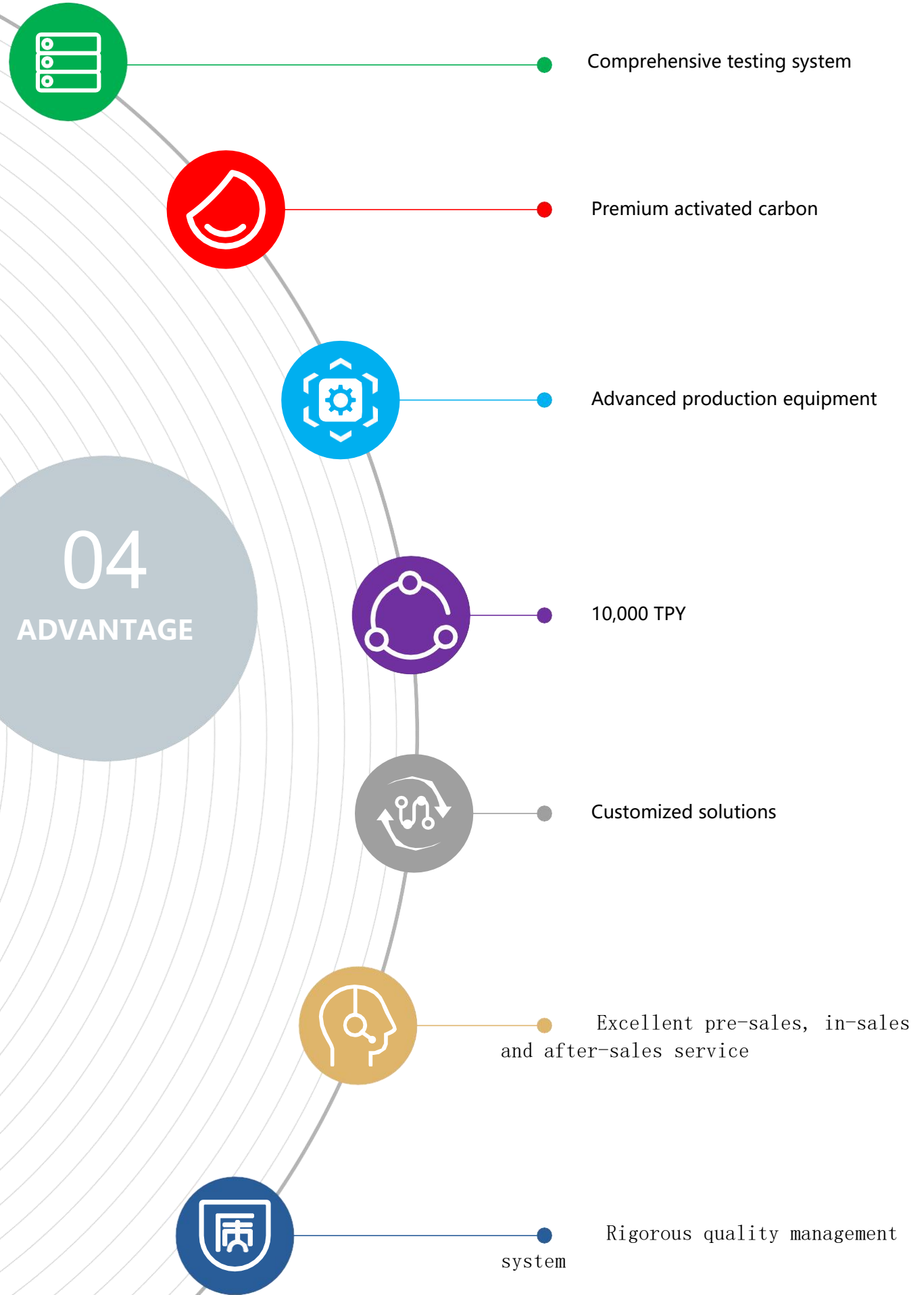
Drying Oven

Model 725 UV-Visible Spectrophotometer

Atomic Absorption Spectrophotometer

Adjustable Speed Oscillator

04 ADVANTAGE





Our Features: High-End Activated Carbon
R&D capable & customizable to client needs



SUMMARY

YITAI activated carbon is made from high-quality raw materials by physical activation. Available in irregular granular and columnar forms, it features high strength, developed pores, large specific surface area, fast adsorption and high capacity. Suitable for pure water, ultrapure water, gold extraction, wastewater and waste gas treatment. Widely used in electronics, food, beverage, pharmaceutical and liquor industries for deodorization, dechlorination and decolorization.

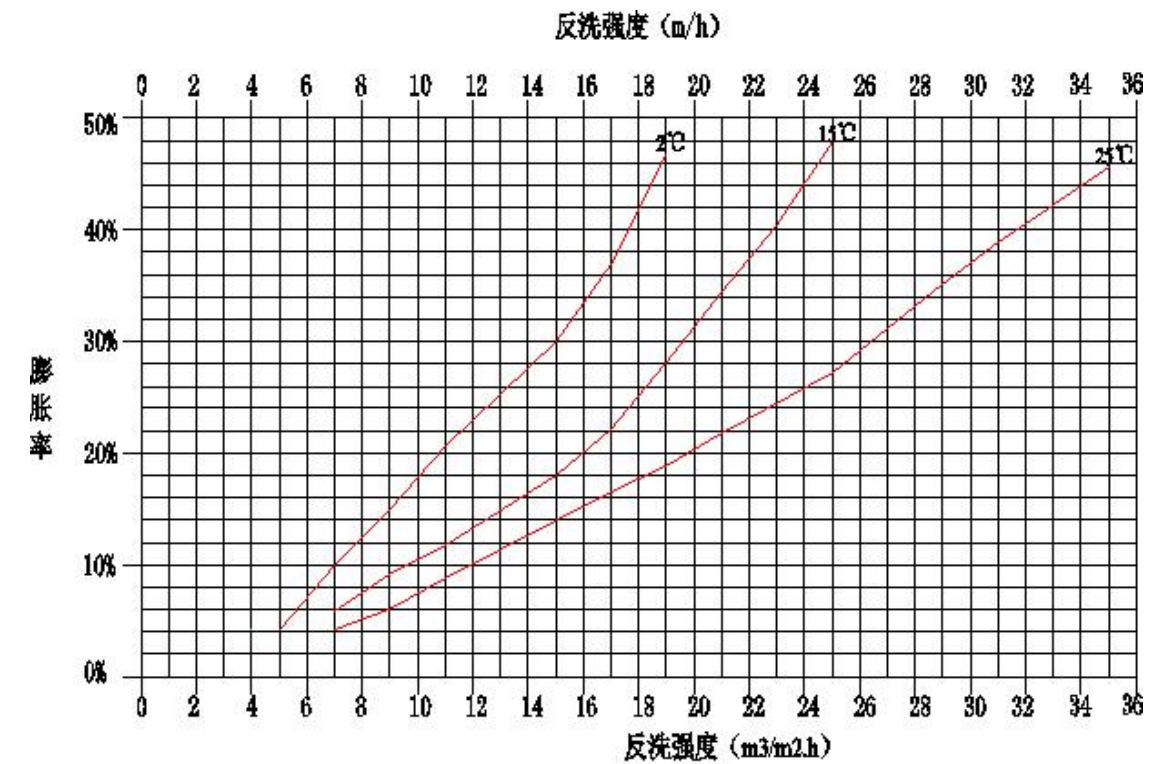
Model	Brand	Size (mm)	Hardness (%)	IV mg/l	Ash%	BDg/l	Packing	Application
YIAC-185	YITAI	1-4.75 (4-18mesh)	≥90	≥950	≤10	350-550	PP/PE bag	Solvent Recovery
YIAC-195	YITAI	1-4.75 (4-18mesh)	≥98	≥1000	≤5	450-500	PP/PE bag	Catalyst Support
YIAC-AU	YITAI	1-4.75 (4-18mesh)	≥95	≥1000	≤3	480-560	PP/PE bag	Gold Recovery
YIAC-265	YITAI	2-12 (1.5-5mush)	≥90	≥900	≤20	450-550	PP/PE bag	Exhaust Gas Treatment

*可根据客户要求具体定制



RELATIONSHIP BETWEEN BACKWASHING STRENGTH AND EXPANSION RATE

Coconut Shell Activated Carbon – Backwash Intensity vs. Expansion Rate

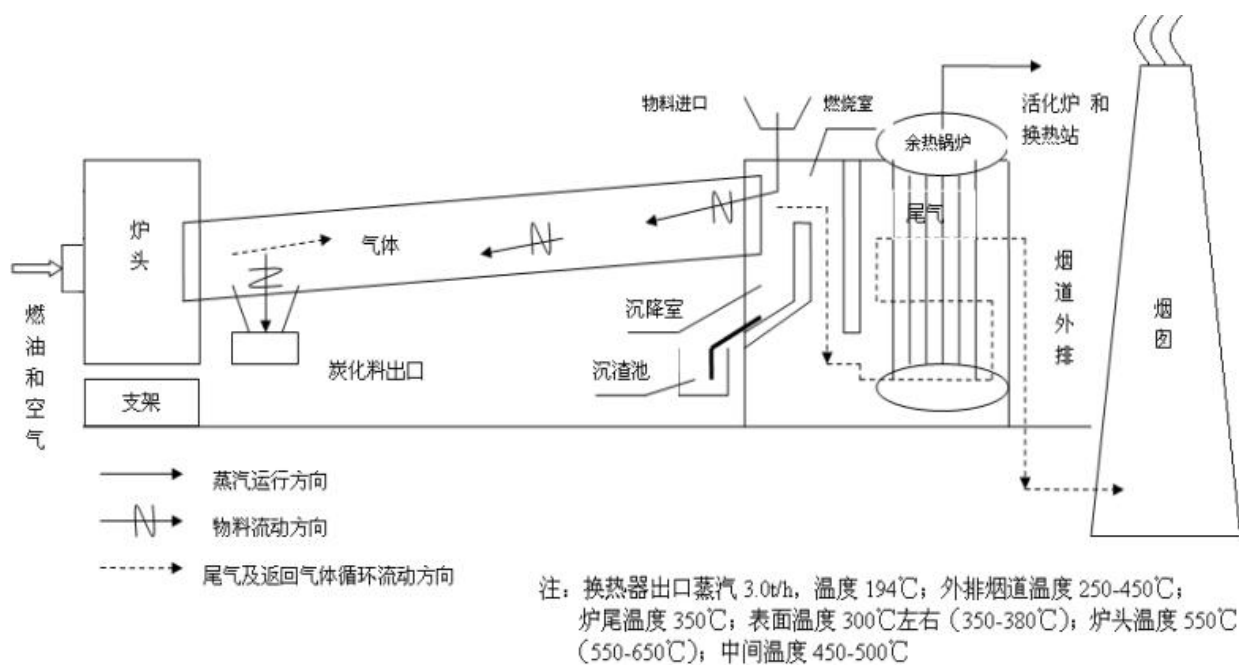


备注: m为米, h为小时, m³为立方米, m²为平方米.

YTAC-165椰壳活性炭反洗强度与膨胀率关系图



ROTARY CARBONIZATION FURNACE

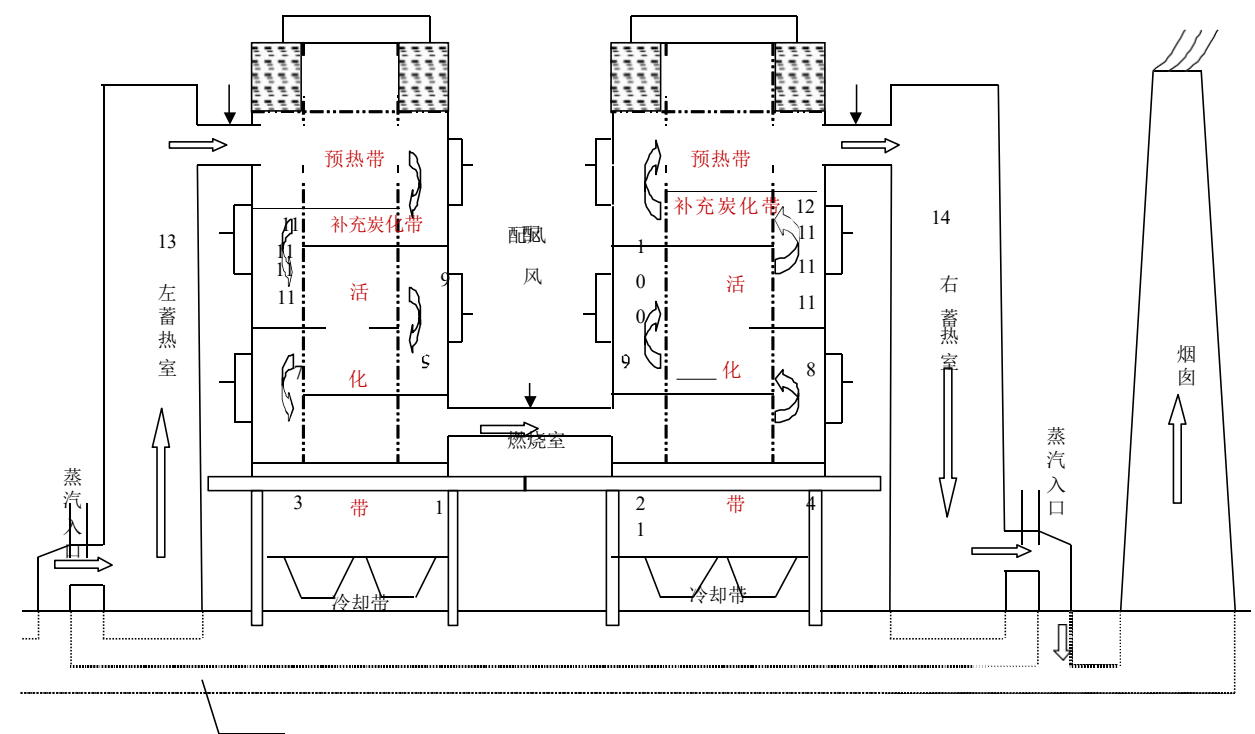


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APPLICATION CUSTOMER



Schematic Diagram of Slep Activated Furnace



06

APPLICATION CUSTOMER

