

Product Name :
Astra CO2 Supercritical Extraction

Product Code :
ASTRALAB-SUPPLYA4011



Description :

Astra CO2 Supercritical Extraction

Technical Specification :

The extraction kettle and separation kettle of the supercritical extraction equipment have dual functions of heating and cooling. The alloy material used as the screw head of the extraction kettle not only reduces the strength, but also reduces the weight of the head, making the operation more convenient.

It can be extracted in the presence of carbon dioxide close to room temperature (35-40°C), effectively

preventing the oxidation and overflow of heat-sensitive substances.

Using SFE is the cleanest extraction method, because the whole process does not use organic solvents, so the extract has no residual solvent, and it can also prevent human body poisoning and environmental pollution.

Carbon dioxide is cheap, high in purity, and easy to obtain and circulate in the production process, thereby reducing costs.

Fast extraction speed, strong liquid extraction capacity, especially suitable for the separation and extraction of solid materials.

Since its energy consumption is lower than that of ordinary distillation, it is suitable for separating heat-sensitive substances from oxidizable substances.

Fast heat transfer and easy temperature control.

Suitable for separating volatile substances.



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