

## Chromatography System

HM-CHRO-Q series chromatography separation system, also known as the chromatography separation system, is the use of the mixture in the flow through the chromatography separation resin (separation agent), due to the different adsorption capacity of various components of the mixture and separation agent to separate.

Features:

- 1) High purity product;
- 2) High production yield;
- 3) The internal system adopts multi-dimensional design and multi-dimensional monitoring to ensure the best separation effect;
- 4) Low water consumption and low energy consumption;
- 5) Automatic intelligent control with low labor cost;
- 6) Special and professional distributor design, uniform distribution, low pressure, to avoid the large number of resin broken.

Application:

It is widely applied to crystalline fructose, fructo-oligose, F55 fructose syrup, inulin, DMH mother liquid, maltitol, xylose, arabinose, xylooligosaccharide, isomaltooligosaccharide, trehalose, tagose, saccharification liquid, organic acids, amino acid etc.

Hongmao relies on the professional design, the strict production management, the fine processing procedure, provides the high efficiency and energy saving equipment system for the customer. Manufacturing factory has passed the international ISO9001 quality system certification, and with the design and manufacturing capacity of pressure vessels. Customers can choose international ISO, EU CE and other standards for equipment design and production according to their needs.

Technical parameter

Model	Material	Feed DS, %	Feed capacity, t/h	Product DS, %	Output capacity, tpy (F55)
HM-CHRO-Q1.0	Refined F42	58-62	1.56-1.67	77	10000
HM-CHRO-Q2.0	Refined F42	58-62	3.13-3.35	77	20000
HM-CHRO-Q3.0	Refined F42	58-62	4.7-5.0	77	30000
HM-CHRO-Q6.0	Refined F42	58-62	9.4-10.0	77	60000
HM-CHRO-Q10.0	Refined F42	58-62	15.6-16.7	77	100000
HM-CHRO-Q15.0	Refined F42	58-62	23.5-25.1	77	150000
HM-CHRO-Q20.0	Refined F42	58-62	31.3-33.5	77	200000