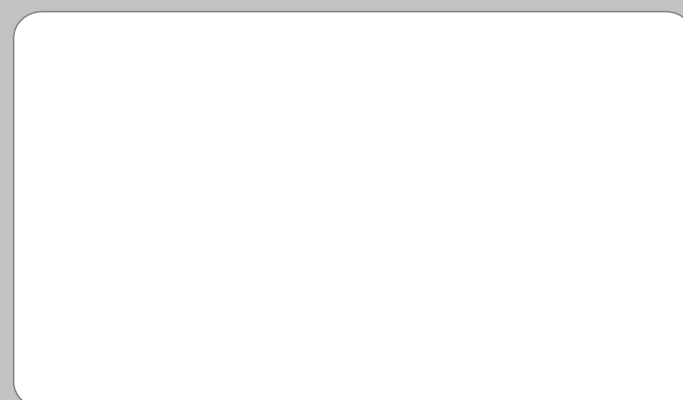# TECHNICAL SPECIFICATIONS

Model	Volume of Extraction tank (M^3)	Herb capacity (Kg)	Evaporation capacity (Kg/h)	Extraction duration (hours)	Extract density (%)	Temperature of extraction tank (°C)
CS-3/750	3	300	750	6-10	1,2 - 1,35	Water: ≥ 50 Alcol : ≥ 40
CS-2/500	2	200	500	6-10	1,2 - 1,35	Water: ≥ 50 Alcol : ≥ 40
CS-1/250	1	100	250	6-10	1,2 - 1,35	Water: ≥ 50 Alcol : ≥ 40
CS-0.1/25	0.1	10	25	6-10	1,2 - 1,35	Water: ≥ 50 Alcol : ≥ 40

Local Agent / Representative

Vacuum circulating

Extraction system

Vacuum Circulating Extraction system

SYSTEM ADVANTAGES:

NEW TECHNOLOGY:

The upstream technology is applied in an atmosphere of reduced vacuum pressure and low temperature. The continuous addition of a new upstream solvent has an impact on the surface of the medicinal material and penetrates the medicinal material completely.

1.High extraction efficiency:
Assure to extract 100% active ingredients as medical herb contacts with solvent many times.

2. Saving extraction solvent:
Only a single amount of solvent is needed initially.

3. Able to retrieve extracted solvent.

4. Low operation cost as compared with older technology.

5. Extraction occurred in the low temperature (50-70 $^\circ$C) will retain the active ingredients, improving the herbal medicine quality.

6. Extraction and concentration in closure vacuum system to protect the surrounding environment and keep itself from contamination.

7. Remove the unwanted residual such as mucilage, gum.

8. Time-saving as extraction and concentration is within 1 working shift.

9. Machine material contacting with medical herb is made of SUS 304 qualifying GMP standards. Long product's life cycle.

10. Automatically controlled by PLC.