

LAB-PILOT MULTI-FUNCTIONAL EXTRACTION SYSTEM

YC-010/10L Multi-functional Extraction System

Function :

water extraction or alcohol extraction from herbs and natural products, normal pressure hot reflux water extraction or alcohol extracting, normal pressure outer circulation concentration, atmospheric concentration, vacuum concentration, organic solvent recovery (online ultrasonic extraction function is optional).



Technical data:

Sr.no	Parameter	Pilotech YC-010
1	Power(electric heat)	3000W
2	Voltage	380V
3	Extraction tank capacity	10L
4	Machine Material	SUS 304 Stainless Steel
5	evaporation chamber vacuum degree	0~-0.08MPa
6	precision of temperature control	±2°C
7	consumption of cooling-water	0.5t/h
8	cooling water pressure	<0.3pa
9	touch screen	USB port/Brain Computer Interface/computer control
10	structure	three-decker/outer insulation/intermediate heating
11	system configuration	1.Stainless steel extractor(10L) 2.Tube array condensator 3.coiled tube condenser 4.oil-water separator 5.pipeline sight glass 6.Stainless steel water ring pump 7.Omron temperature controller 8.Stainless steel extract blue 9.electric heater 10. Sanitary safety valve 11. electric control cabinet 12.,connection with pipe Tube Fitting Valve
12	Tube array condensator area	0.5 square meters

13	coiled tube condenser area	0.3 square meters
14	machine size	1100*850*1650mm
15	range of application	Chinese herbal medicine/natural product/ cosmetics/foodstuff Ultrasonic extraction/Dynamic extraction/Volatile aromatic oil recovery....
16	Enrichment ratio	1.1-1.38
17	Weight	340kg
18	Equipment package size	2200*1200*2500mm
19	Equipment package Weight	450kg

YC-020/30L Multi-functional Extraction System

Function:

static water extraction or alcohol extraction, ordinary pressure hot reflux water extraction or alcohol extraction, ordinary pressure outer circulation concentration, ordinary pressure concentration, reduced pressure vacuum concentration, organic solvent recovery (ordinary or reduced pressure) (online ultrasonic extraction function is optional).



Technical data:

Sr.no	Parameter	Pilotech YC-020
1	Power(electric heat)	9000W
2	Voltage	380V
3	Extraction tank capacity	20L/0.025m ³
4	Machine Material	SUS 304 Stainless Steel
5	evaporation chamber vacuum degree	0~-0.08MPa
6	precision of temperature control	±2°C
7	consumption of cooling-water	1t/h

8	cooling water pressure	<0.3pa
9	touch screen	USB port/Brain Computer Interface/computer control
10	structure	three-decker/outer insulation/intermediate heating
11	system configuration	1.Stainless steel extractor(10L) 2.Tube array condensator 3.coiled tube condenser 4.oil-water separator 5.pipeline sight glass 6.Stainless steel water ring pump 7.Omron temperature controller 8.Stainless steel extract blue 9.electric heater 10. Sanitary safety valve 11. electric control cabinet 12.,connection with pipe Tube Fitting Valve
12	Tube array condensator area	0.5 square meters
13	coiled tube condenser area	0.3 square meters
14	evaporation capacity	4-6kg/h
15	machine size/weight	1750*1000*1960mm/340kg
16	range of application	Chinese herbal medicine/natural product/ cosmetics/foods tuff Ultrasonic extraction/Dynamic extraction/Volatile aromatic oil recovery....
17	Enrichment ratio	1.1-1.38
18	minimum inventory	0.3kg
19	Raw material inventory	0.3-5kg/batch

YC-50/100/200/500L Multi-functional Extraction System

YC-050 & YC-100



Technical data for YC-050

Sr.no	Parameter	Pilotech YC-050
1	Power(electric heat)	18kW
2	Voltage	380V
3	Extraction tank capacity	50L/0.05
4	Machine Material	SUS 304 Stainless Steel
5	evaporation chamber vacuum degree	0~-0.08MPa
6	precision of temperature control	±2°C
7	consumption of cooling-water	2t/h
8	cooling water pressure	<0.3pa
9	touch screen	USB port/Brain Computer Interface/computer control
10	structure	three-decker/outer insulation/intermediate heating
11	system configuration	1.Stainless steel extractor(10L) 2.Tube array condensator 3.coiled tube condenser 4.oil-water separator 5.pipeline sight glass 6.Stainless steel water ring pump 7.Omron temperature controller 8.Stainless steel extract blue 9.electric heater 10. Sanitary safety valve 11. electric control cabinet 12..connection with pipe Tube Fitting Valve
12	Tube array condensator area	2 square meters
13	coiled tube condenser area	0.5 square meters
14	machine size	11850*1000*1980mm
15	Weight	340kg
16	range of application	Chinese herbal medicine/natural product/ cosmetics/foodstuff Ultrasonic extraction/Dynamic extraction/Volatile aromatic oil recovery....
17	Enrichment ratio	1.1-1.38
18	minimum inventory	2kg
19	Equipment package size	1940*1170*2200mm
20	Equipment package Weight	524kg
21	Capacity	2-10KG/batch

Technical data for YC-050

Sr.no	Parameter	Pilotech YC-100
1	Power(electric heat)	24kW
2	Voltage	380V
3	Extraction tank capacity	100L/0.1m³

4	Machine Material	SUS 304 Stainless Steel
5	evaporation chamber vacuum degree	0~-0.08MPa
6	precision of temperature control	±2°C
7	consumption of cooling-water	3t/h
8	cooling water pressure	<0.3pa
9	touch screen	USB port/Brain Computer Interface/computer control
10	construction	three-decker/outer insulation/intermediate heating
11	system configuration	1.Stainless steel extractor(10L) 2.Tube array condensator 3.coiled tube condenser 4.oil-water separator 5.pipeline sight glass 6.Stainless steel water ring pump 7.Omron temperature controller 8.Stainless steel extract blue 9.electric heater 10. Sanitary safety valve 11. electric control cabinet 12.,connection with pipe Tube Fitting Valve
12	Tube array condensator area	3 square meters
13	coiled tube condenser area	0.5 square meters
14	machine size	2000*900*2100mm
15	range of application	Chinese herbal medicine/natural product/ cosmetics/foodstuff Ultrasonic extraction/Dynamic extraction/Volatile aromatic oil recovery....
16	Enrichment ratio	1.1-1.38
17	minimum inventory	0.5kg
18	Equipment package size	2200*1200*2500mm
19	Equipment package Weight	450kg