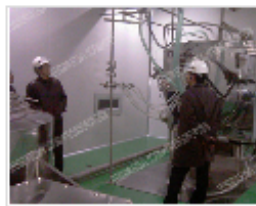


## GKF Pharma Peeler Centrifuges



GKF pharma peeler centrifuges come with continuous workflow and batch type operation. This explosion proof centrifuge is ruggedly designed in the tune with GMP standards in pharmaceutical industry. Grounded on short cycle time and large capacity, our continuous centrifuge delivers exceptional filtration and washing effects.

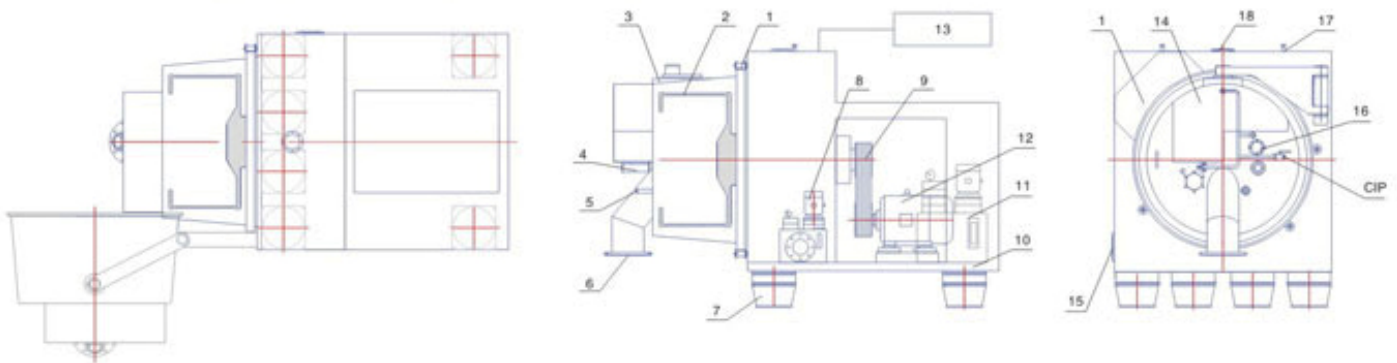
This pharma peeler centrifuge has been proved to be perfect for solid-liquid separation of substances featuring small viscosity and high sanitation requirements, as well as hazardous, toxic and flammable materials. Therefore, our solid-liquid separation machinery is widely applied to pharmaceutical and food industries.

### **Main Features of GKF Pharma Peeler Centrifuge**

1. Fully sealed and high sanitation design complies with cGMP, whereby meeting aseptic production needs of pharmaceutical and food industries.
2. Isolated structure design makes driving system, such as motor drive and hydraulic lubrication system, to be flexibly connected with production areas covering basket, housing, feeding and discharge devices, by base plate and wall.
3. PLC system is introduced for automatic running in accordance with preset. Touch screen provides fast operation and easy maintenance.
4. Electro-hydraulic control in our separator applies automatic monitoring to feeding, filtration, washing, dewatering, discharge, residual cake remove and CIP.

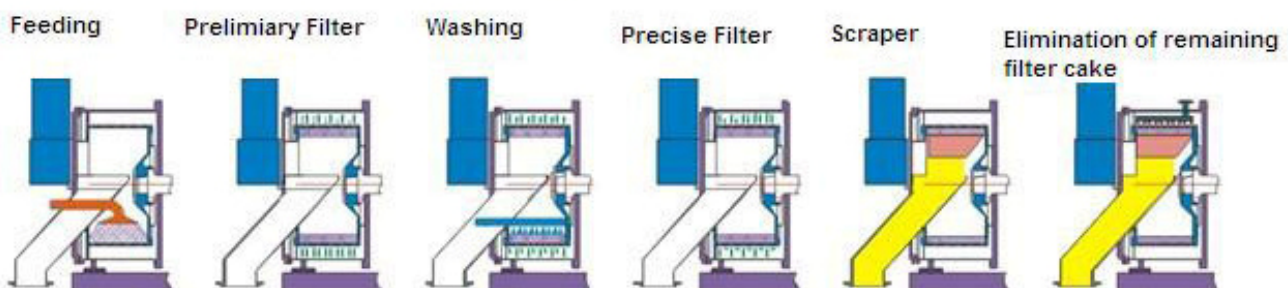
5. Thanks to large hinged cover, customers benefit from easy cleaning of basket and all components involved. Moreover, the cover adopts fast-open hydraulic locking system to offer fast and reliable operation.
6. Based on variable frequency drive control, basket rotation speed can be stepless adjustable. Furthermore, free processing speed adjustment is applicable for feeding, washing, separation and residual cake remove, etc.
7. Liquid damping vibration absorber requires no suspended platform to offer stable operation.
8. Dual-axis sealed structure protects clean room from contamination of lubrication oil and other pollutants. All sealing parts are made from fluororous rubber and silicone rubber.
9. Comprehensive protection system offers multiple protections including rotation speed, over-vibration system, cover opening protection, motor overheat and overload protection, electro-hydraulic interlocking protection of cover, scraper limited production, main shaft thermal protection and lubrication supply protection, etc.
10. Clean area in our pharma peeler centrifuge adopts top-ranking stainless steel. Contacting area features high-end mirror finish and meets the requirements of corrosion resistance and sanitation.
11. Recoil device assists scraper to achieve complete residual cake remove.
12. CIP system is fitted with several sprayers deployed at basket bottom, discharge hopper, cover, interior and exterior centrifuge surface, etc. Therefore, exceptional cleaning ability meets the sanitation requirements.
13. Fully automatic inline-monitored nitrogen protection system ensures that this horizontal peeler centrifuge constantly operates at positive pressure of inert gas. If necessary, in-line oxygen content analyzer is available to offer explosion protection.

### General Configuration of GKF Pharma Peeler Centrifuge



- |                  |                         |                               |                          |
|------------------|-------------------------|-------------------------------|--------------------------|
| 1 Locking device | 6 Drain pipe            | 11 Hydraulic station          | 15 Drain pipe            |
| 2 Basket         | 7 Vibration isolator    | 12 Main motor                 | 16 Cake layer controller |
| 3 Turn-cover lid | 8 Lubrication system    | 13 Nitrogen protection system | 17 Gas counter-blow      |
| 4 Feeding pipe   | 9 Transmission assembly | 14 Scraper assembly           | 18 Vent pipe             |
| 5 Washing pipe   | 10 Machine chassis      |                               |                          |

### Workflow of GKF Pharma Peeler Centrifuge



## Technical Parameter of GKF Pharma Peeler Centrifuge

Item	Model			
	<a href="#">GKF800</a>	<a href="#">GKF1000</a>	<a href="#">GKF1250</a>	<a href="#">GKF1250</a>
Basket Dia. (mm)	800	1000	1250	1600
Basket Length (mm)	400	500	625	800
Basket Volume (L)	80	172	340	690
Max. Load (kg)	120	240	425	950
Max. Speed (rpm)	1500	1350	1200	950
Centrifugal Force	1007	1020	1007	808
Motor Power (kW)	30	37	55	90
Dimension (L×W×H) (mm)	2500×1600×1800	2800×1800×2000	3820×2450×2100	4200×2700×2800
Weight (kg)	5500	8500	13000	20000