

***Having released a new design of PETRODIST 100 CC in 2015 we are now ready to release our new system meeting ASTM D5236 as PD 200 CC - 2016***



This new edition is summarizing our long term experience and taking into account all our customers feedbacks for improved performance and even more easy handling and reduced service necessity. The new design specifically highlights the high viscous residues that are being processed in this system by guaranteeing a continuously operating tempered discharge into an open fraction collector with automatic and precise weight measurement.

The new features in detail:

1. Control by distillation weight
2. The new system has an in built high precision balance to measure the cut of each fraction
3. Open fraction collector for easy exchangeable receivers during operation without stopping distillation
4. Continuous cut discharge by high efficient tempered (to avoid sticking) gear pump to drain product out of vacuum system into receiver
5. Non-contact optical sensors for absolute position of receivers
6. Despite fully-automatic operation also manual operation mode
7. Weight measurement system
  - Precision Load Cell - Outside of sample vapors
  - Automatic determination of tare weights
  - No additional balance electronic required
  - high precision BECKHOFF 16-bit DMS board
8. New cold trap design
  - Silvered High-Vacuum Jacket
  - No handling of Cold-Trap necessary
  - Reduces the risk of damages and injuries
  - Easy removable condensate traps
  - Cleaning Nozzles for cleaning process in mounted position
  - Filling level of condensate traps visible
9. Rail tray system
  - completely Flask Heater assembly moveable on a drawer
  - easier handling of flask and residue

Best Regards,

*Julia Schwalb*  
*Sales and Marketing Assistant*

**PILODIST<sup>®</sup> GmbH**  
**Laboratory & process technology**