

Asphalt Analyzer PG Rubber Decanter Model with PC



Process Description: This asphalt analyzer unit model PG is used for the extraction and determination of binder content in rubber modified bituminous mixtures in use with not flammable solvent (Trichloroethylene).

- The extraction and distillation is PC controlled and is using Windows® as Software. Every step of the extraction is shown on the large touch panel screen.
- The user can program and store test procedures for use with the different bituminous mixtures.
- Equipped with a second solvent circuit allows the device the extraction of asphalt mixtures as standalone procedure with the washing chamber or the extraction in the vertical standing unit with an automatic decantation system.
- The bituminous material will be separated through a continuously mixing and solvent dispensation procedure.
- The rubber particles are separated from the asphalt material and swim up to the surface and there they will be collected inside the special collection tray.
- The aggregates are stored in the washing chamber; filler material is separated in the centrifuge.
- Binder and solvent will be divided from each other in the solvent recovery similar to original model.
- All parts of your bituminous mixtures are dried during the test procedure.
- The machine comes equipped with the special collection tray and the mixing tool.

Technical data:

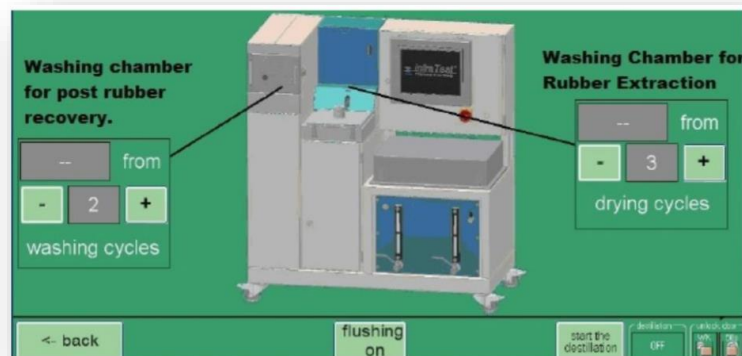
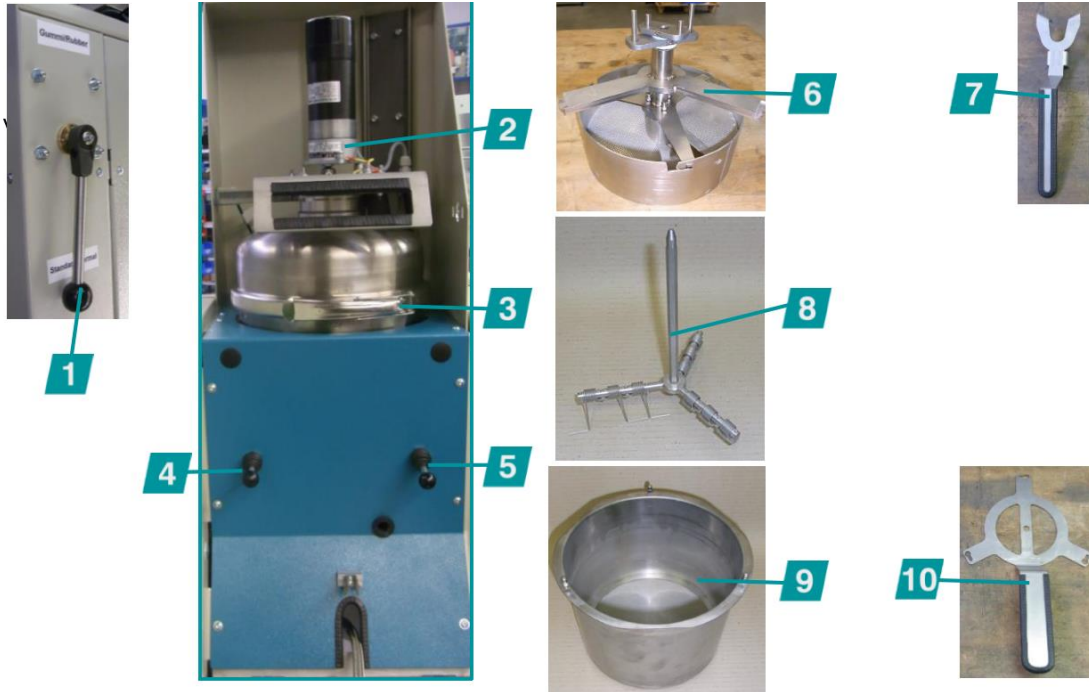
Dimensions: 1255 x 960 x 1785 mm.

Electrical Requirements: 400 V, 50/60 Hz, 3 P+N+PE, 8,5 kW.

Compressed air supply 3-6 bar necessary

Cooling water supply required

Rubber Decanting Unit Overview



1. **Selection lever:** before starting an extraction, the selection lever must be in the required position
2. **Cover:** the cover of the rubber washing chamber is pneumatically opened and closed. During operation it is connected to the bottom part with a compression ring
3. **Compression ring**
4. **Handle to open and close the cover:** to open the cover, push handle upwards, to close the cover push downwards
5. **Handle to release the cover movement:** to release the movement of the cover, the handle must be pushed upwards
6. **Scoop unit:** the screw can be separated from the shaft for an easy removal of the rubber particles.
7. Assembly lever to loosen / fasten the scoop unit use the assembly lever. To fasten turn clockwise, to loosen turn counter clockwise
8. **Stirrer**
9. **Washing bucket:** the sieve in the bottom side of the washing bucket can be exchanged. It should be checked after every extraction
10. **Removal handle:** to remove washing bucket, install handle and take out bucket to the top
11. **PC Control:** On screen program – additional wash/dry cycle selection