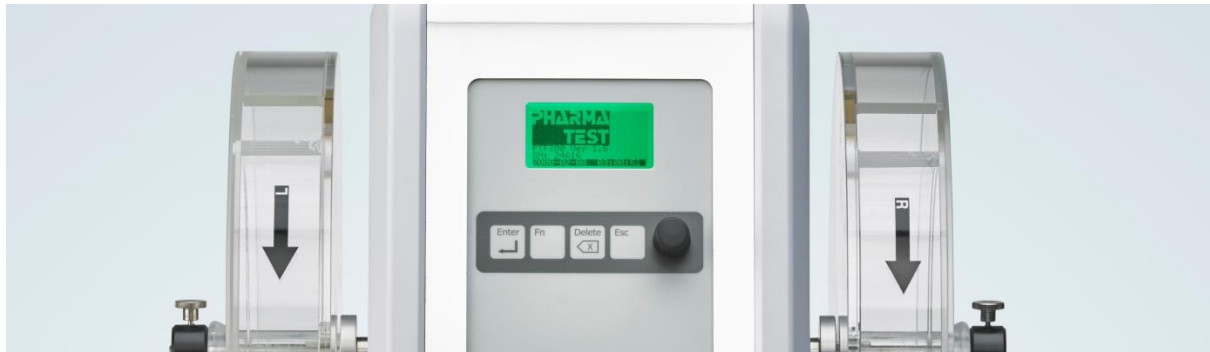


Next Generation PTF Tablet Friability Testing

Change Summary

In October 2018 Pharma Test launches its next generation of tablet friability and abrasion testing instruments incorporating the new design and control electronics first introduced with PT-TD300.



The price lists for the new PTF models PTF 100, PTF 200, PTF 300 and PTF 600 are available now from the [distributor download area](#) of our website.

Discontinued Models

With the launch of the new PTF models some prior models (see below) are **discontinued**. We continue to offer friability testing instruments with one, two, three and six test drums:

Model	Part No.	Drums	Status	Availability
PTF 100	23-11000	1	New Model	October 2018
PTF 200	23-12000	2	New Model	October 2018
PTF 300	23-13000	3	New Model	October 2018
PTF 600	23-16000	6	New Model	October 2018
PTF 10E	20-11000	1	No changes	Available
PTF 20E	20-12000	2	No changes	Available
PTF 10ER	21-11500	1	Discontinued	Available until October 2018
PTF 20ER	21-12500	2	Discontinued	Available until October 2018
PTF 1DR	22-00100	1	Discontinued now	Available until batch is sold out
PTF 3DR	22-00300	3	Discontinued now	Available until batch is sold out
PTF 30ERA	21-33000	3	Discontinued now	Available until batch is sold out
PTF 60ERA	21-36000	6	Discontinued now	Available until batch is sold out

There will be **no functional changes to PTF 10E and PTF 20E** instruments. These instruments will remain with the current feature set as entry level friability testing instruments. A **new price list** will come into effect in **October 2018**.

New Features and Changes

This table highlights the most important changes between the instruments:

Feature	PTF 100/200	PTF 300/600	PTF 10E/20E	PTF 10ER/20ER	PTF 30ERA/60ERA	PTF 1DR/3DR
Drum rotation speed	Variable 15 – 100 RpM, can be locked to 25 RpM	Variable 15 – 100 RpM, can be locked to 25 RpM	Locked to 25 RpM	Variable 20 – 70 RpM	Variable 20 – 70 RpM	Variable 20 – 70 RpM
Automated sample discharge	Yes	Yes	No	No	Yes	Yes
Report printer	Internal (optional)	Internal	NA	NA	NA	Connection port for external printer
Balance Connection	Connection port for analytical balance	Connection port for analytical balance	NA	NA	NA	Connection port for analytical balance
Display Type	Backlit LCD	Backlit LCD	LED segments	LED segments	Backlit LCD	LCD
User and method management	Included, 32 users and 256 methods	Included, 32 users and 256 methods	NA	NA	NA	NA
USB interface for data export	Included	Included	NA	NA	NA	NA
Calibration programs and reports	Included	Included	NA	NA	NA	NA
Programmable OQ interval	Included	Included	NA	NA	NA	NA

We reserve the right to make technical changes without any prior notice.

The Pharma Test website has been updated to include the PTF friability and abrasion testing instruments. Please visit our website or contact us for more marketing material.