# No.283 PLASTIC SLIDING ABRASION TESTER

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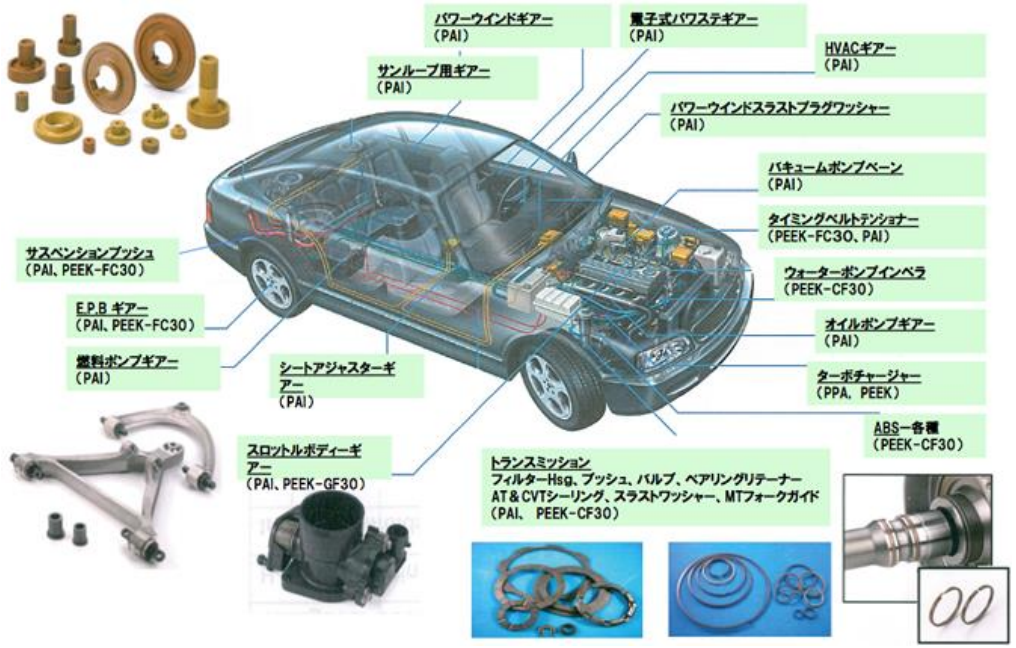
# PLASTIC SLIDING ABRASION TESTER




## “SLIDING ABRATION TEST”

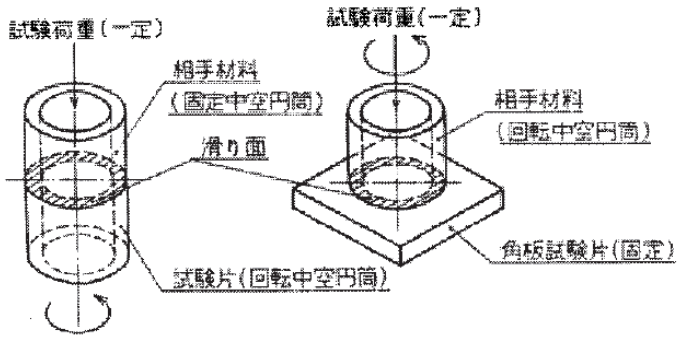
is one relative term dependent upon the materials involved. The abrasion strength of plastic is getting to be one of important required performance. That is because the plastic part

①has high abrasion resistance.

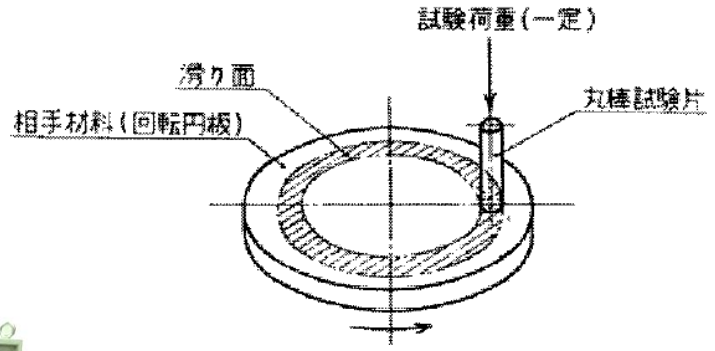
②is more cheaper than Metal.

③does not need lubricating oil for its use.

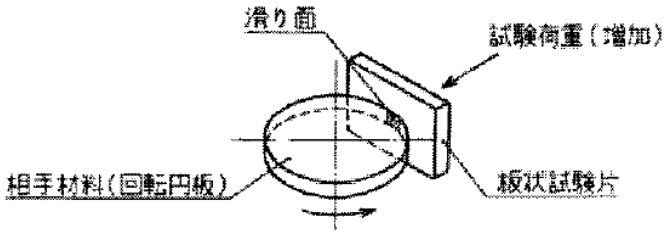
# PLASTIC SLIDING ABRASION TESTER




**JIS K 7218 A Meth.**
**Ring on Ring / Ring on Plate**




**JIS K 7218 B Meth.**
**Pin on Disc**


**JIS K 7218 C Meth.**
**Sheet on Disc**

The tester can test for each methods of JIS K 7218

Please let us know which method customer wants to test for before making quotation.

# PLASTIC SLIDING ABRASION TESTER

≪Feature≫

This tester is used to condact a sliding abrasion test for plastic. Contacting tabular and hollow cylinder type test specimen to the edge face of the opponent's material at a constant load and giving them a high speed sliding and rotation, the operator is to measure the abrasion force and the abrasion volume.

≪Specification≫

| | | |
|---|---|---|
| Sample | : Square Shape | :30 × 30 × T2 – 5mm |
| | Disc Shape | :ϕ40 × T2 – 5mm |
| | Cylindrical Shape | :Outer ϕ25.6, Innerϕ20mm, L15mm |
| Co-Sample | : Cylindrical Shape | :Outer ϕ25.6, Innerϕ20mm, L15mm |

Press Load : 10-500N (Dead Weight)

Friction Load Measuring :Load Cell : 8-200N･cm (option: Chart Recorder)

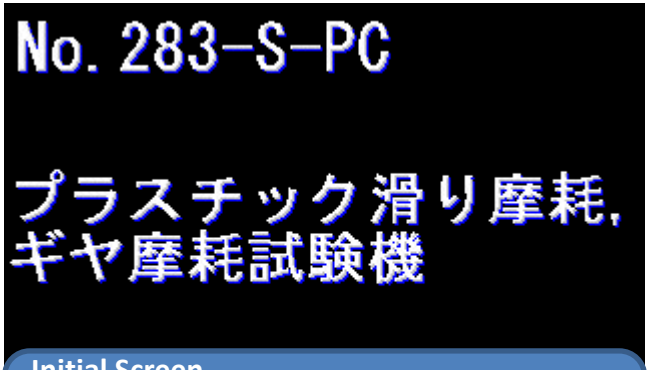
Friction Speed: 0.2-200cm/s

Option : Constant Temperature Oven

Power Source: AC100V, 1phase, 15A, 50/60Hz
AC200V, 3phases, 30A, 50/60Hz

Dimension / Weight (Approx.) :W820 × D770 × H1,720mm/200kg

# PLASTIC SLIDING ABRASION TESTER
# Touch Panel



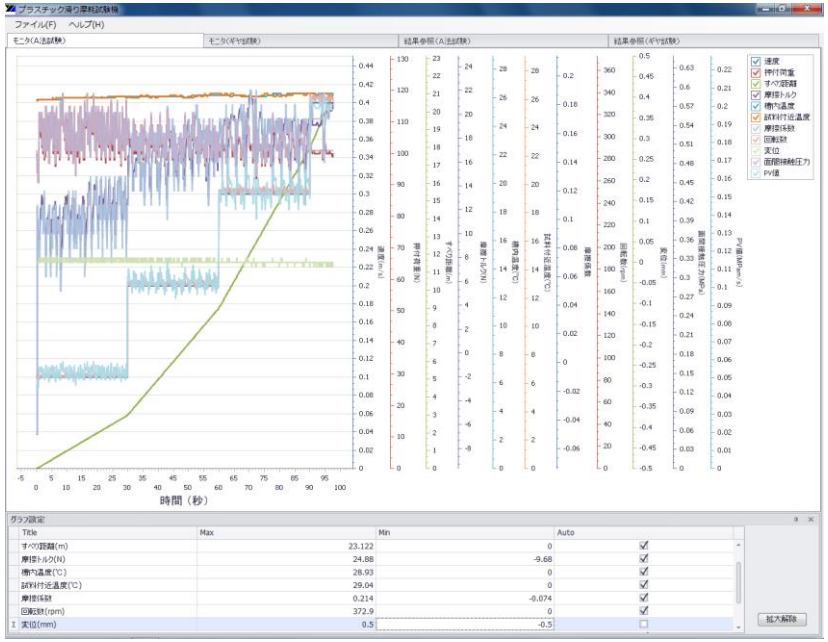

**Initial Screen**
The operator can choose language from Japanese, English, Chinese, Taiwanese, Korean


**Test Setting**
The operator can put the value of Test Condition by ten key which is on the TP.
On ③ screen the operator can save and recall the condition.



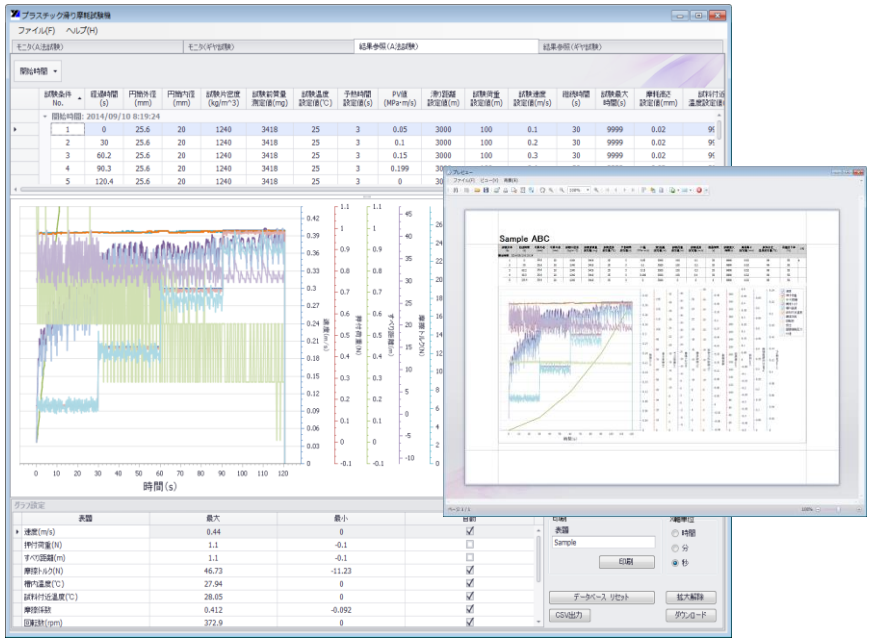
**Test Screen and Test Result**
After Setting value, the operator can easily start the test by pressing “開始” after test, the only thing the operator do is putting weight of the sample on the square and press “計算実行” the test result will be shown on below.

# PLASTIC SLIDING ABRASION TESTER
# Software




**Monitoring Screen**

With connecting software to the machine, the operator can see the how the test goes on the software.
The operator can set the graph on below window to see the graph clearly.




**Test Result Screen**

The operator can check the old test result on the software and edit the data on the software.
After editing, the operator can not only put the CSV file out from the software, but also print out the test result.