

DIGIPREP & FORCIMAT

Semi-Automated Polishers



PACE TECHNOLOGIES



FORCIMAT
Individual
Specimens

DIGIPREP
Individual/ Central
Specimens

Semi-Automated Polishing Machines

- Easy to use
- Single or Double Wheel
- Individual or Central specimen loading

Features - DIGIPREP

The DIGIPREP semi-automated polishing machines allow for either individual or fixed (central) specimen polishing. The DIGIPREP polishing system comes complete with polishing base and power head.

Additional features include:

- Easy to program parameters
- LCD screen
- LUBOMAT drip lubricator
- Quick locking swing design
- Audible completion signal
- Central force 11 to 81 lbs (total) for up to 10 specimens

- Individual force from 1.1 to 13.5 lbs for 1-6 specimens (each)
- 150 rpm head speed

Features - FORCIMAT

The FORCIMAT polishing head can be installed at the factory or as a future upgrade with the FORCIPOL polishing bases.

The FORCIMAT polishing head features:

- Individual polishing from 1 to 6 specimens
- Each specimen polished independently of the others
- Easy removal and inspection of the specimen. Allowing for the polishing step to continue without the need to replane all of the specimens.
- Individual force from 1.1 to 13.5 lbs for 1-6 specimens (each)



Central Force



Individual Force

Technical Specifications:

FORCIMAT Individual Polishing Head (requires FORCIPOL Polishing base)

| Description | Specimen holder | Head speed | Part Number |
|---------------------|-----------------|------------|-------------|
| FORCIMAT power head | Individual | 120 rpm | 30 09 |

| Polishing base | Wheels | Wheel sizes | Polisher speed |
|-----------------|--------|-------------|----------------|
| FORCIPOL 1 | Single | 8 " and 10" | 300 rpm |
| FORCIPOL 1V | Single | 8 " and 10" | 50-600 rpm |
| FORCIPOL 1S | Single | 8 " and 10" | 100-1200 rpm |
| FORCIPOL 1E | Single | 8" and 10" | 20-120 rpm |
| FORCIPOL 1M | Single | 8 " and 10" | 150/300 rpm |
| FORCIPOL 300-1V | Single | 12" | 50-600 rpm |
| FORCIPOL 2 | Double | 8 " and 10" | 300 rpm |
| FORCIPOL 2V | Double | 8 " and 10" | 50-600 rpm |

DIGIPREP Individual/Central Polisher

| Polisher | Wheels | Wheel size | Polisher speed | Head speed |
|--------------|--------|-------------|----------------|------------|
| DIGIPREP 250 | Single | 8 " and 10" | 50-600 rpm | 150 rpm |
| DIGIPREP 300 | Single | 12" | 50-600 rpm | 150 rpm |

DIGIPREP Central Specimen Holders

| No. of Specimens x size | Power head | Part Number |
|-------------------------|--------------|-------------|
| 6 x 1-inch diameter | DIGIPREP 250 | 45 14 |
| 6 x 1.25-inch diameter | DIGIPREP 250 | 45 15 |
| 4 x 1.5-inch diameter | DIGIPREP 250 | 45 16 |
| 10 x 1-inch diameter | DIGIPREP 300 | 45 35 |
| 8 x 1.25-inch diameter | DIGIPREP 300 | 45 36 |
| 6 x 1.5-inch diameter | DIGIPREP 300 | 45 37 |
| 4 x 2-inch diameter | DIGIPREP 300 | 45 38 |

FORCIMAT and DIGIPREP Individual Specimen Holders

| Specimen Holder | Part Number |
|--|-------------|
| Specimen holder for FORCIMAT (6 specimen rings) | 33-01 |
| 1-inch diameter rings | 33-03 |
| 1.25-inch diameter rings | 33-05 |
| 1.5-inch diameter rings | 33-04 |
| Blank holder | 33-06 |
| 2-inch diameter holder | 33-07 |

Accessories

| Description | 8-inch | 10-inch | 12-inch |
|---------------------|--------|---------|---------|
| PVC wheel | 31 01 | 31 21 | 31 31 |
| Aluminum wheel | 31 02 | 31 22 | 31 32 |
| Splash guard | 31 03 | 31 23 | 31 33 |
| Paper clamping ring | 31 04 | 31 24 | 31 34 |



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