



# AbrasiMatic™ 300 Service Plan



## Protect Your Investment

Labs run more efficiently and consistently with well-maintained equipment.



## Reduce Unplanned Downtime

Regular equipment maintenance will reduce the hassle of unexpected downtime and associated costs.



## Ensure Consistent Results

Confidently analyze lab results with the equipment maintained by the trusted experts at Buehler.



## Preventative Maintenance

Protect your investment and ensure consistent performance, minimize downtime and reduce the costly repairs with Buehler Preventative Maintenance and Calibration Services.

### Preventative Maintenance Service Plan Ensures Consistent and Reliable Results

- Annual visit includes Wear Parts Kit and 19 Point Maintenance Check list
- Trained technicians able to perform Preventative Maintenance on multiple machines in one visit
- Unlimited Phone Support
- 10% Replacement Part Discount





# Maintenance Checklist

Our comprehensive 19 point maintenance checklist is thorough, ensuring the AbrasiMet 300 is running efficiently.

## 19 Point Maintenance Checklist

- ☑ Check touch screen and all functions for proper operation
- ☑ Check "Y" table for smooth movement (manual and automatic movement) and limit switch
- ☑ Check "X" table for smooth movement
- ☑ Clean and lubricate linear bearing and shaft
- ☑ Check LED lights
- ☑ Clean inside the cutting chamber
- ☑ Check cutting blade and pump for proper rotation
- ☑ Check Z movement for cutting arm
- ☑ Ensure proper coolant flow
- ☑ Ensure proper function of safety interlock and emergency stops
- ☑ Replace belts and verify motor and spindle belt tension
- ☑ Replace cutting arm idler bearing and ensure smooth rotation
- ☑ Clean and lubricate "Y" table lead screw.
- ☑ Clean and lubricate "X" table screw and rod
- ☑ Check hand wheel for any free movement
- ☑ Clean sliding door track and window
- ☑ Check RH & LH vise for proper clamping
- ☑ Replace spark pad (rubber flap)
- ☑ Replace gas springs



# Wear Parts Kit

The parts listed below are included with every Preventative Maintenance visit

|                                     |               |
|-------------------------------------|---------------|
| <b>AbrasiMet 300 Wear Parts Kit</b> | 10219SRV      |
| <b><i>Includes</i></b>              |               |
| Arm and Guard Service Kit           | "Y" Drive Kit |
| Main Drive Service Kit              | "X" Drive Kit |
| Drip and Splash Guard Kit           | Light LED Kit |



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