



Grinding Gap Measuring Device SPM3



The SPM 3 can be used on all double face grinding machines!

(vertical and horizontal)

The SPM 3 measures directly in the grinding gap of the double face grinding machine.

The SPM 3 can be clamped directly between the grinding wheels by the integrated spring.

By turning both grinding wheels at the same time, the exact tilting is determined.

The SPM 3 can also be pushed through the grinding channel by hand or with the aid of a supplied push rod.

Thus, not only the tilting, but also the actual geometry of the grinding channel is determined.

Since the SPM 3 can be used universally with double face grinding machines, a comparison of the grinding channel characteristics is possible.



The grinding gap measuring device SPM 3 enables the following measurements:

- Geometry evaluation of the grinding wheels to each other.
- Evaluation of the resulting geometry during grinding.
- Evaluation of the resulting geometry after dressing.
- Targeted adjustment of the tilting to optimise the grinding result.
- Transfer and adjustment of an optimal grinding channel to other double face grinding machines.
- Evaluation of machine stability.
- Mechanical troubleshooting.
- Control of the printed circuit boards in the inlet and outlet area (option).

Achievable measurement accuracy under normal operating conditions:

Measuring accuracy for grinding wheel measurement:	< 0.002 mm
Measuring accuracy for printed circuit board measurement:	< 0.01 mm

Maintenance:

Due to the robustness of the SPM 3, special maintenance is not required.
The SPM 3 should be cleaned at regular intervals and then sprayed with corrosion protection.