



OptoTech

DS 100

Digital Spherometer Unit



The Digital Spherometer Unit DS 100 is the ideal workshop tool for mechanical measurement of radius of curvature. Its touch panel PC guarantees easy handling and reliable documentation.



Technical data

	DS 100
Application	Digital Spherometer Unit
Measuring Range Radius	5 mm - ∞
Measuring Sensor Resolution	1/2 µm
Measuring Accuracy	+/- 0.05%
Dimensions	Width: 520 mm, Height: 450 mm, Depth: 300 mm
Weight (approx.)	23 kg; incl. accessories
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.



Highlights

- The Digital Spherometer Unit DS 100 is the ideal workshop tool for mechanical measurement of radius of curvature
- Digital Spherometer with Heidenhain measuring sensor
- For measuring cx and cv surfaces
- Able to measure grinded and polished surfaces as well as polishing tools
- Air pressure control prevents damage of probe surfaces, while quality measurements are guaranteed
- Including compact Touch-Panel-PC, mounted on adjustable stand
- Different 3 point supportors available in 8, 20, 40, 60, 90 & 120 mm diameter

System advantages

- Fast and easy to use radii measuring software „Sphero Calc“ with convenient protocol function
- Touch panel PC guarantees easy usage and reliable documentation

Performance characteristics

Radii measuring software „Sphero Calc“ with convenient protocol function:

- Input Data: Company, inspector, article no., serial no., date, time, target radius, test object diameter, reference circle of the measuring ring etc.
- Output Data: Actual radius, radii difference, ring difference, sagitta
- All data can be exported to Microsoft Excel for reporting purposes

Options

- Counter-pressure piece for test object on pneumatic lifting and swiveling cylinder