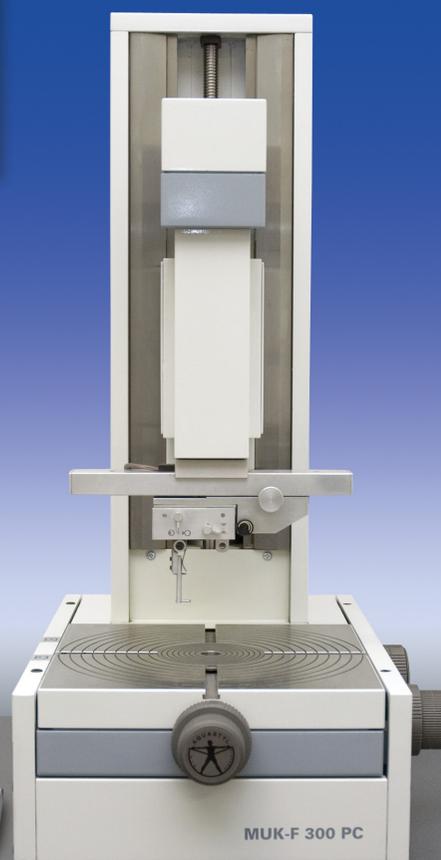
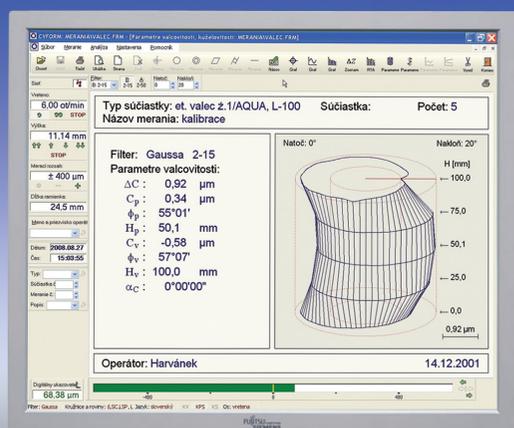




AQUASTYL®
SLOVAKIA, s.r.o.

DEVICES FOR MEASURING DEVIATIONS FROM ROUNDNESS,
CYLINDRICITY, CONICITY AND STRAIGHTNESS
MUK 300PC, MUK-VP 300PC, MUK-F 300PC



PRODUCER: AQUASTYL SLOVAKIA, s. r. o.
Orlové 277
017 01 Považská Bystrica
Slovakia

Telefón:+421/42/432 99 01
Tel./fax:+421/42/432 61 06
e-mail:aquastyl@aquastyl.sk
web:www.aquastyl.sk

DEVICES FOR MEASURING DEVIATIONS FROM ROUNDNESS, CYLINDRICITY, CONICITY AND STRAIGHTNESS MUK 300PC, MUK-VP 300PC, MUK-VKP 300PC

The devices are intended for measuring deviations from roundness, cylindricity, conicity, straightness and selected parameters in the area of deviations from geometrical forms, especially of rotation parts including, interrupted surfaces. The above measuring devices can be used in all branches of industry where measurements of form, deviations are required. They are suitable especially for measuring laboratories and workshop.

TECHNICAL DATA

Measuring parameters		<ul style="list-style-type: none">- deviation from roundness, cylindricity, conicity and straightness of outer, and inner surfaces- deviation from roundness, cylindricity, conicity and straightness of interrupted outer and inner surfaces- deviation from straightness of axes, axial alignment, concentricity and radial, run-out
Evaluation of deviations		<ul style="list-style-type: none">- deviation from roundness and waviness to circumscribed, inscribed medium, circle and circle of smallest zone- deviation from cylindricity, conicity and straightness and radial run-out- deviation from straightness of axes, axial alignment and concentricity- standard filters (2-500, 2-15, 2-50, 2-150, 15-500) + freely eligible filters- harmonic analysis, polar / linear / graph- automatic or manual selection of ranges- automatic or manual selection of ranges- archivation function and printing services- statistics
Working language		<ul style="list-style-type: none">- the working language is the language of the customer's country or any of the following language:
Protocol - eligible		<ul style="list-style-type: none">- English, German, Russian, Slovak, Czech
		<ul style="list-style-type: none">- each measurement can be completed by the name of the measured object, name of the operator,- date and time of measurement is recorded automatically- the measured results and graphs can be kept in archive- measurements kept in archive can be repeatedly displayed according to the product and date and they can be worked on- The results including graphs can be printed in black and white or in colour in the formats A4, A5 a A6 in the amount 1 to x images per page.
Maximal inaccuracy		
- run of the spindle	P + V	- radial 0,075 µm/axial 0,075 µm
in correction regime	P + V	- radial 0,04 µm/axial 0,04 µm
- cylindricity		- 0,9 µm /100 mm
- straightness		- 0,6 µm/100 mm
Enlargements		<ul style="list-style-type: none">- 50, 200, 500, 1.000, 2.000, 5.000, 10.000, 20.000 x+ graphic enlargement of the picture up to 13.000.000 x
Max. inaccuracy of enlargement		- 3% of the measured range
Max. inaccuracy of measurement		- 3% of the measured range
Limit dimensions of measured parts		<ul style="list-style-type: none">- outer diameter 1 mm to 320 mm- inner diameter 2 mm to 270 mm- height max 300 mm /weight max 50 kg

BASIC ACCESSORIES

mechanical part	- mechanical part of MUK 300, clamping tools, set of measuring contacts
elektronic part	- PC PENTIUM, measuring electronics, printer, programme for measuring, roundness, cylindricity, conicity, straightness, radial run-out, straightness of axes, axial alignment and concentricity

The device is delivered mostly as a complete measuring unit with a working table, power distribution system, container sockets and a chair.

