

2DVD

INFORMAL QUOTATION (1/2)

Prices and conditions are subject to change

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1. 2D-VIDEO-DISTROMETER COMPACT VERSION, INCLUDING:

- a. Outdoor Unit (OU)
- b. Indoor User Terminal (IUT) consisting of:
 - suitably equipped personal computer
 - readily installed IUT - software as mentioned in item 3.
- c. Cables (100 m) and connectors from OU to IUT.

2. USER'S MANUAL, INCLUDING:

- a. Installation guide
- b. Calibration procedure
- c. Maintenance procedures
- d. Software user's manual
- e. Trouble shooting guide
- f. Instrument's specifications and factory acceptance test results

3. STANDARD 2DVD FIRM- AND SOFTWARE, INCLUDING:

- a. Control of video systems and data acquisition
- b. Evaluation of calibration procedure
- c. Data storage
- d. Display and analysis program
- e. Source code of data decompression procedure:

Data storage is done in a compressed mode. The data decompression algorithm allows the user to extract the data files into C-coded structures. A sample application and its source code is provided. The only source code provided is that of a sample application for the data decompression algorithm. All other modules are delivered with a limited license for operation with one system only. All property rights remain with JOANNEUM RESEARCH. The raindrop orientation algorithm is not included in the standard 2DVD software package (cf. item 5).

4. MAINTENANCE KIT, INCLUDING:

- a. Basic toolkit for calibration and maintenance procedures
 - b. Calibration targets (objects)
 - c. 3 spare sets of bulbs (typically more than 2000 hrs lifetime for 1 set)
- ITEMS 1, 2, 3 AND 4 COMPRISE THE BASIC VERSION OF THE 2D-VIDEO-DISTROMETER.

PRICE FOR QUANTITY ONE (1) BASIC VERSION (ITEMS 1, 2, 3 AND 4):

Euros 39,800 (thirty-nine thousand and eight hundred) EXW Graz / Austria

5. RAINDROP ORIENTATION SOFTWARE PACKAGE (QTY. ONE)

A display presenting the raindrop orientation algorithm's results for drops' main axes in both views (front and side) is included in the standard 2DVD software (cf. item 3). This package (item 5) allows the integration of the algorithm's results into user defined analysis.

Price for quantity one (1) Item 5:

Euros 3,050 (three thousand and fifty)

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6. WIND SENSOR WITHOUT HEATING (QTY. ONE):

A three-dimensional ultrasonic type wind sensor is offered to be added to the 2D-Video-Distrometer. Data are stored on the IUT. Wind sensor data are integrated in the online - as well as offline IUT display.

Price for quantity one (1) Item 6:

Euros 5,660 (five thousand six hundred and sixty) EXW Graz / Austria

7. HEATING FOR WIND SENSOR (QTY. ONE):

The wind sensor referenced as item 6 in this quotation is offered to be equipped with a heating (operation in winter conditions).

Price for quantity one (1) Item 7:

Euros 1,090 (one thousand and ninety) EXW Graz / Austria

8. SHIPMENT:

Transport and insurance covering damages due to transport from JOANNEUM RESEARCH, Graz / Austria to an international airport is offered. If this option is taken, all prices mentioned above as EXW are to be considered as CIF at destination point. Destination point is a major airport within to be agreed on. Any charges beyond transport and insurance are not included in this price, they have to be settled and / or refunded by the customer.

Price for quantity one (1) Item 8:

Euros 1,060 (one thousand and sixty)

9. INSTALLATION AND TRAINING:

One qualified staff member of JOANNEUM RESEARCH will install the instrument. For two or multiple persons action the support by the customer is required. Calibration and maintenance procedures will be demonstrated to the customer. The display features will be discussed. This option covers not more than one person being available at customer's site for five working days (Monday - Friday incl.).

Price for quantity one (1) Item 9:

Euros 8,290 (eight thousand two hundred and ninety)

10. OPERATING AND SOFTWARE ASSISTANCE AND SOFTWARE UPGRADES FOR ONE YEAR

Operating and software assistance and upgrades of the standard 2D-Video-Distrometer software package (cf. item 3 of this quotation) for one year are offered. Up to an equivalent of two manweeks JOANNEUM RESEARCH will answer customer's requests to assist operation, maintenance procedures and data processing via phone or e-mail. Typical response time is one working day, guaranteed response time is one month. All upgrades of the Standard 2DVD Firm- and Software (cf. item 3) are included in this option; they will be made available via FTP or e-mail. JOANNEUM RESEARCH will consider customer's requests for software upgrades as much as possible. The assistance service expires one year after date of shipment (resp. after installation in case item 10 ordered).

Price for quantity one (1) Item 10:

Euros 4,110 (four thousand one hundred and ten)

DELIVERY TIME: four months

Warranty, Responsibility and Liability: Clauses are given in formal quotations