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Technical specification

Electronic distance measuring system

EDMS-PRO



File: 2014-12-17
Product support
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I. General description

It is a complete set to measure accurately the distance mainly in the throwing events (javelin throw, discus throw, hammer throw and shot put). It can be also used to measure the distance in the horizontal jumps and height in the vertical jumps. It meets the IAAF rules.

II. Technical data



Telescope length	150 mm
Object lens diameter	45mm (EDM 50 mm)
Distance accuracy	+/- (2 mm + 2 ppm x D) m. s. e. complies with *IAAF
Calculation accuracy	+/- 2 ppm complies with *IAAF
Angle accuracy	2 sec.
Distance range	1 prism 2000m / 3 prism 2700m
Measuring time	Fine mode 1,0 mm 1,2 sec. / 0,2 mm 2,8 sec. Coarse mode – 0,7 sec. Tracking mode – 0,4 sec.
Ambient temperature range	from -20 to +50 ° C
Battery life	Angle and distance measurement 14h; angle measurement only 60h
Eyepiece magnification	30x
Keyboard and display	24 key numeric keypad / 2-sided dot matrix graphic LCD
Internal data memory	24 000 pts
Environmental protection	IP54
Gross weight	16,5 kg
Package 1/2	1,43 x 0,21 x 0,20 [m]
Package 2/2	0,51 x 0,32 x 0,46 [m]

*2008 IAAF Facilities Manual, page 203, Section 5.2.2.1 Distance for throws: "The accuracy of the measured distance is +/- 0.005m and of the measured angle +/- 10 angular seconds, which is equivalent to an average error for the thrown distances of +/- 0.005 m."



III. Declaration

1) No. 2014-12-17

2) Issuer's name:

POLANIK

Issuer's address:

Życzliwa 11, 97-300 Piotrkow Tryb.

3) Object of declaration:

No.	Description of goods	Code
1	Electronic distance measuring system	EDMS-PRO

4) The object of declaration described above is in conformity with the requirements of:

No.	Title	Issued by
Section 5.2.2.1	IAAF Track and Field Facilities Manual Edition 2008	International Association of Athletics Federations IAAF 17, rue Princesse Florestine BP 359 – MC 98007 Monaco Cedex Tel. +3377 93 10 88 88 Faks +377 93 15 95 15 www.iaaf.org

Additional Information

5) Declaration for:

Buyer/Distributor/User

Signed for and in behalf of:

POLANIK

2014-12-17 Piotrkow Tryb.

(Date and place of issue)

6) Pawel Ciechanowski
Product Manager

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(Name, function)



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(Signature or equivalent authorized by the issuer)