



POLISH TECHNICAL REVIEW



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Silver-zinc batteries range C, capacities 10...20 A·h for movie cameras and flashlights.

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Automatic station for metrological certification

The Institute of Communication, Warsaw, has developed two testing stations for metrological certification of digital voltage measuring instruments to meet the telecommunication engineering requirements. Application of these stations makes it possible to reduce labour required for performing routine tests, to improve the metrological characteristics of the instruments being tested as well as to extend the period of faultless operation. Both stations are controlled by means of IBM PC microcomputers according to own, original programs. See article on p. 2.

Sailplane of a new generation

Poland belongs to the leading world manufacturers of sailplanes. The SZD-56 performance sailplane recently designed by the PZL-BIELSKO Experimental and Production Plant of the Gliding Industry, Bielsko-Biala also features a number of novel solutions. Its weight amounting to as little as 165 kg is considerably lower than the weight of sailplanes of the same category produced in the world. The low weight of the plane makes that its sinking speed is lower than 0.5 m/s which was unattainable in the 15 m wing span sailplanes so far. See article on p. 21

Wind power plants

Utilization of wind power plants is technically feasible and technologically justified over one-third of Poland's total surface area. Such wind power plants have been constructed for ten years now by the Institute of Building, Mechanization and Electrification of Agriculture. The Institute has developed a number of such power plants whose design is being constantly improved. See article on p. 23

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