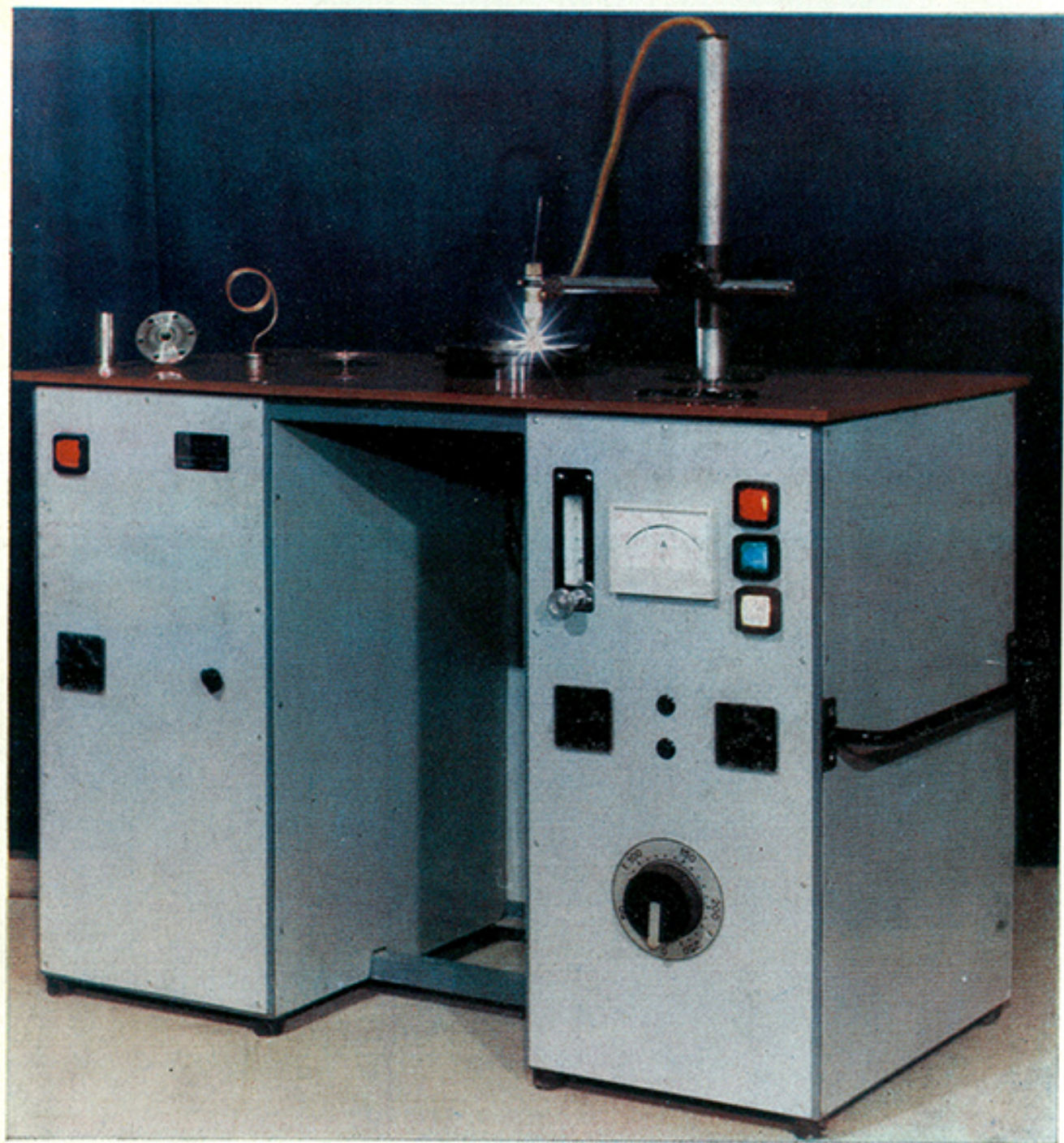




POLISH TECHNICAL REVIEW



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CHEMISTRY

Dyestuffs for synthetic fibres	2
Dye and intermediate plants	3

ELECTRONICS-COMPUTERS

Peripheral equipment	5
Analog magnetic recorders	6
Electro-pneumatic transmitter	7
Pneumatic programmer	8
Automatic distortion meter	9

ELECTRIC ENGINEERING

Drive system for artificial fibre spinning frame	11
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COMPLETE PLANTS

Factory of silica products	14
--------------------------------------	----

BUILDING INDUSTRY

Production and properties of wire-net concrete pipes	16
Vibratory pile hammers	18

WELDING

Welding of thin-walled elements	19
Plasma welding of canisters	20

ECONOMIC SURVEY	21, 22
IN BRIEF	10, 13, 15

In our next issue:

Environment protection in coal mining and aluminium metallurgy
A research sail ship
Mineral board and wool production lines
Integrated programming system

Electronics and computers

This section (page 6, 7-10) brings five items dealing with peripheral equipment (tape readers, winders and unwinders), analog magnetic recorders based on integrated circuits, an electro-pneumatic transmitter which converts electric signals into standard air pressure, a pneumatic programmer for the automatic regulation of slowly changing industrial processes in various industries and an automatic non-linear distortion meter for the measurement of the distortion factor. The latter equipment has been awarded a gold medal at the 1976 International Leipzig Fair.

Dyestuffs for synthetic fibres

Poland's dyestuffs industry manufactures some 800 brands of dyes and organics pigments among which particularly noteworthy are up-to-date dyestuffs for synthetic fibres. To this group belong Synten dyestuffs for dyeing polyester and acetate fibres and, to a lesser degree, of polyamide fibres as well as for polyacrylonitrile fibres yet for light shades only. For the last fibres Anilon dyestuffs are used first of all.

The third group covers Polan anionic compounds for dyeing and printing polyamide fibres and fabrics. For the respective article refer to page 2.

Polish installations for the production of azo, naphthoelan, sulphur, arylo-methane and vat dyes, and for the production of intermediates, are presented on page 3.

Farming machinery

The Polish industry is developing its production for the needs of farming which continues to yield a large percentage of the national income. Seven articles in the current issue are devoted to information on new types of ploughs, seeders, mowers, potato harvesters, green crops driers, transport and auxiliary machinery, production of which has been started by farming machinery factories now undergoing substantial development.

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Cover photo: An installation for the automatic welding of thin-walled elements, constructed in the Aviation Institute, Warsaw (see article "Welding of thin-walled elements" p 19)

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