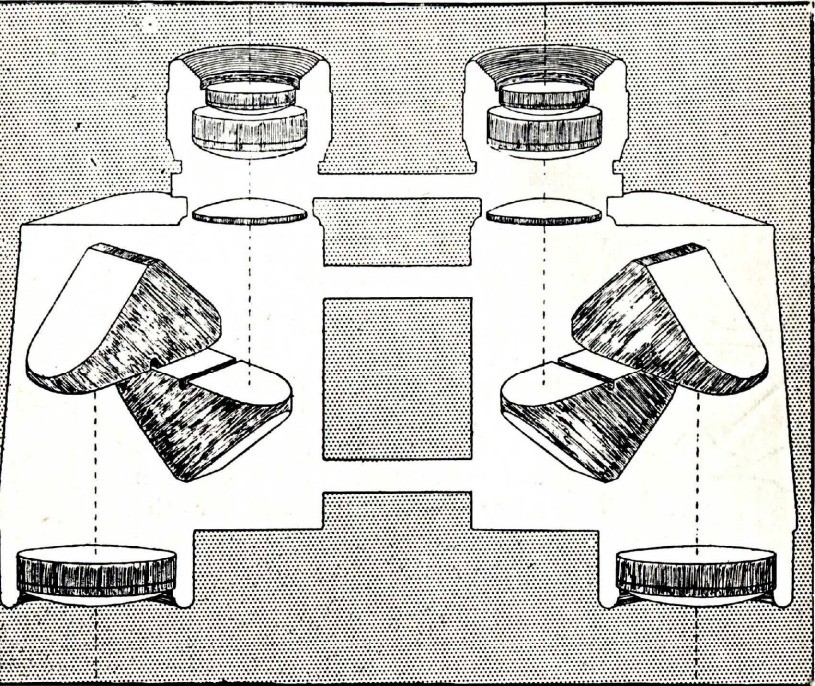
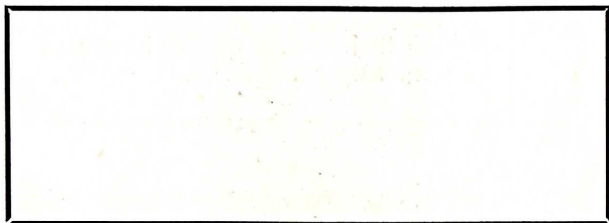


WRAY

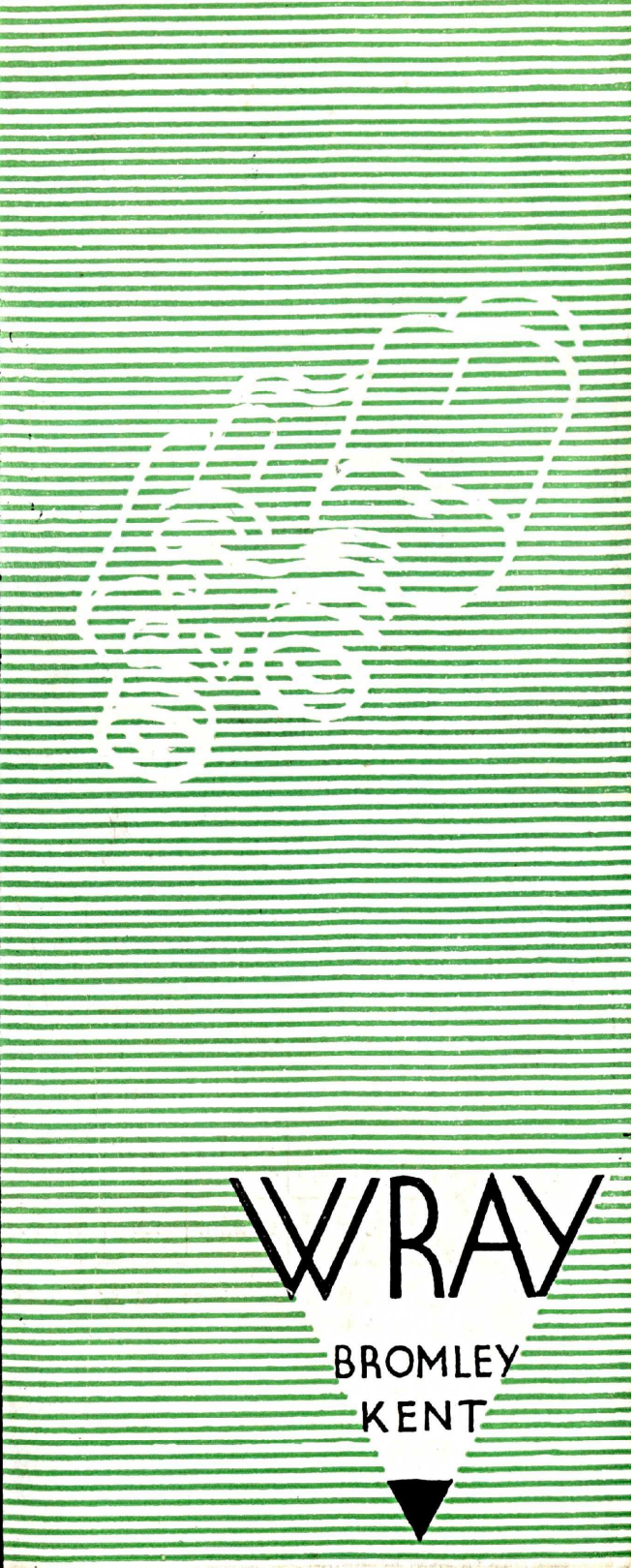
BROMLEY
KENT



An interesting "X-Ray" diagram giving the arrangement of the optical system in the Raylite Lightweight Binocular.



BINOCULARS



WRAY

BROMLEY
KENT





DO YOU SEE LOOKING

Through ordinary glasses the distant landscape loses much of its brilliance owing to loss of light through internal reflection. Each glass to air surface acts like a mirror and throws back a proportion of the light that originally strikes it. When one considers that in a good pair of binoculars there are no less than ten of these surfaces on each light track, and on each of these there is a loss of between 4-6%, it will be realised that less than two-thirds of the original light is emitted through the eyepieces.

MB



ALL YOU ARE AT ?

Through "bloomed" binoculars this light loss is reduced to a negligible minimum. Details that are brought into view by the optical system are as crystal clear as when observed from a near distance. The shadows and highlights are depicted in full contrast, while details in the depth of shadows are brought out to an extent never before thought possible.



CRYSTAR

6 × 30

EYEPIECE or CENTRAL FOCUSING

The optical specification of these binoculars is identical with that of the binoculars supplied by this firm to the R.A.F. during the war, but the weight has been greatly reduced to make the glasses more acceptable for general use.

The eyepiece focusing model is completely sealed in order to make it water-tight, and it has become a popular model for Marine use.

Specification

Magnification	Effective Aperture	Yards at 1000	Approx. Weight	Height
X6	30 mm.	149	15½ oz.	4¾"

Supplied in first quality hide case with lanyard.



MAGNIVU

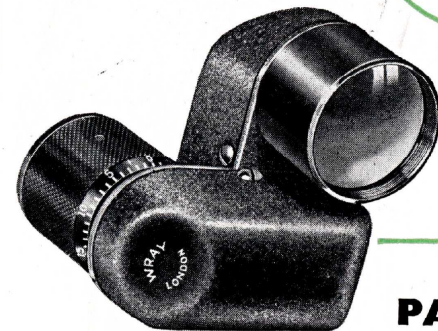
8 × 30

A highly finished, well made glass of attractive appearance, embodying the latest results of Optical Research. It is a general purpose binocular, equally suitable for racegoers, sportsmen or nature lovers. Focusing is effected by means of a central wheel and one eye-piece is adjustable to provide for any inequality in the sight of the user.

Specification

Magnification	Effective Aperture	Yards at 1000	Approx. Weight	Height
X8	30 mm.	130	23 ozs.	4½"

Supplied in first quality hide case with lanyard.



PANORA

8 × 21

This delightful folding Monocular Telescope, so small and light that it can be carried conveniently in a waistcoat pocket, is optically an instrument of the highest grade.

It has a specification and performance equal to instruments where size and weight have been disregarded as important factors.

The Optical System is "Bloomed".

Specification

Magnification	Effective Aperture	Yards at 1000	Approx. Weight	Dimensions (folded flat)
X8	21 mm.	108	3.6 ozs.	2¾" x 1¾"

Supplied in first quality hide case.



Sketch showing PANORA folded flat for the pocket

MB



BRYSTAR

7×50 10×50

Never before have Binoculars so great in light gathering power been made so light and compact.

The object glasses and prism system are arranged for use with two differing eyepieces giving powers respectively of 7x and 10x.

The 7×50 is the ideal glass for night and nautical use and the 10×50 is the sportsman's glass de luxe. The glasses have no cemented prisms and are extremely robust.

The Optical System is "B'oomed".

Specification

Magnification	Effective Aperture	Yards at 1000	Approx. Weight	Height
X7	50 mm.	123	32 ozs.	6"
X10	50 mm.	118	32½ ozs.	6"

Supplied in first quality hide case with lanyard.

MB



CRYSTAR & RAYLITE MONOCULARS

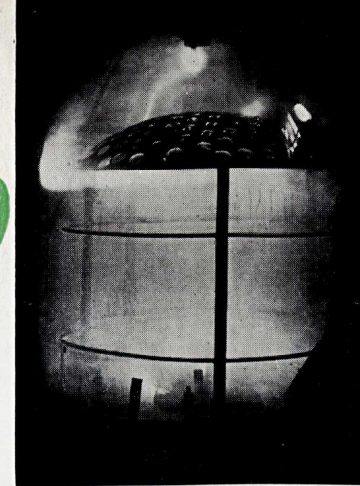
Compact and reasonably small and light glasses which will be found most serviceable for tourist and general use. The 6×30 can safely be used at sea for the monocular is rendered entirely waterproof.

Specification

Model	Magnification	Effective Aperture	Yds. at 1000	Aporox. Weight	Ht.
CRYSTAR	X6	30 mm.	149	10 ozs.	4½"
RAYLITE	X8	30 mm.	153	10 ozs.	4½"

Supplied in first quality hide case with lanyard.

What
is all
this
about
Blooming?



Over forty years ago it was found that glass surfaces on photographic lenses which had acquired a "bloom" of tarnish actually passed more light than freshly polished surfaces.

Very little attention was paid to this fact at the time, and it was only during the last war that a systematic method of putting a coating or "bloom" on to lens surfaces by a scientific method was developed.

This invention has been used on military and naval instruments and photographic lenses by the British Service departments with great advantage.

A metallic flouride is electrically deposited on to the surface of the glass in a vacuum to a thickness equal to one quarter of the wavelength of a given colour—from four to six millionths of an inch. The photograph reproduced shows a glass bell brought to a high state of vacuum in which a number of lenses are undergoing the depositing process.

RKS) LTD. ASHGROVE ROAD, BROMLEY, KENT



FLIGHT

9 × 35

A binocular specially suited where prolonged viewing is required; bird watching and sports use; giving clear vision in poor and fading light. The "bloomed" optics and additional power give performance unequalled in a glass of such compactness and light weight.

MB

Specification

Magnification	Effective Aperture	Yards at 1000	Approx. Weight	Height
X 9	35 mm.	132	18½ ozs.	5¼"

Supplied in first quality hide case with lanyard.

WRAY · BROMLEY · KENT