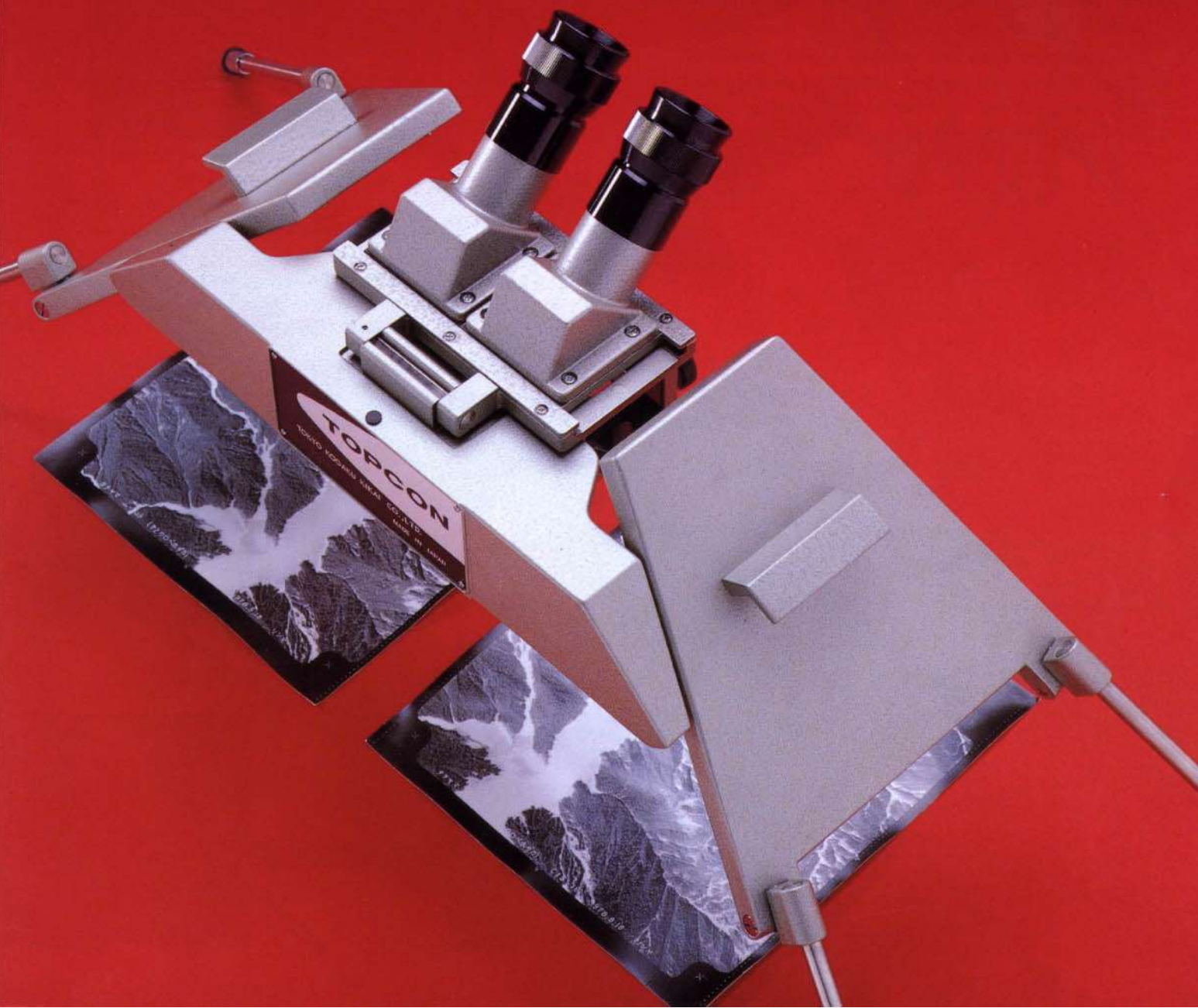


MIRROR STEREOSCOPE

MS-3



TOPCON MIRROR STEREOSCOPE:

MODEL MS-3

**High Quality Stereoscope from TOPCON—
User-oriented design, plus accessory system for greater versatility.**

- Speedy, accurate binocular viewing of stereo pairs.
- Topographic features seen three-dimensionally and with great discrimination.
- Stereo pairs measuring 180mm × 240mm observed at 1X magnification and circular area of 170mm × 230mm observed at 1.8X magnification with built-in magnifiers.
- Compact instrument is easily folded for field trips, with right instrument leg adjustable for leveling operations.

With TOPCON MIRROR STEREOSCOPE, MODEL MS-3, observation of aerial photograph is very easy and quick. As the topography is observed in three dimensions, even the height of small objects is observed with clear discrimination. The highest degree of precision is maintained with the visual axis remaining absolutely parallel even over years of constant use.

The instrument body and reflector frames are made in a single solid rugged casting, preventing misalignment. As the instrument leg is adjustable for leveling, instrument setting is very easy and quick.

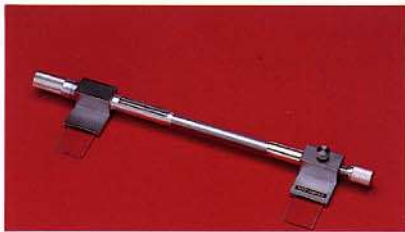


STEREOSCOPE ACCESSORY SYSTEM

● STEREOMETER

The Stereometer eliminates all guesswork previously associated with height readings and greatly speeds up accurate aerial mapping.

The Stereometer has an effective measuring range of 40mm and minimum drum graduations of 0.05mm, while inferred readings of 0.01mm are also possible, with experience. Three stereomarks (zero, dot and plus) are engraved on the Stereometer glass plate to suit the landmark being used.



● BINOCULAR VIEWERS

In standard composition, 1.8 Magnifier and 3X binocular viewer are available. For greater magnification, ratios 6X binocular viewer can be used as optional.

Binocular viewers inclined 45 degrees from the vertical, with pupillary distance adjustable from 56mm to 74mm.



3X binocular (Standard) **6X binocular (Option)**



● MULTI VIEW ATTACHMENT TYPE-1 & TYPE-2

The special multi view attachment permits movement of the MIRROR STEREOSCOPE in an absolutely parallel plane for high magnification readings over a wider area than nor-

mally possible with the optional binocular viewer. It eliminates the time for readjustment for viewing those points outside the current field of view.



TYPE-1



TYPE-2

SPECIFICATIONS

MULTI VIEW ATTACHMENT

Type-1		Cross rail movement type (Parallel)
Photograph size		480 × 480mm or less
Movable range		450 × 400mm
Observation area		520 × 470mm (with 3X binocular viewer)
Weight		2.0 kg
Type-2		Swing arm movement type
Photograph size		450 × 480mm or less
Movable range		450 × 350mm
Observation area		520 × 420mm (with 3X binocular viewer)
Weight		7.4 kg

SPECIFICATIONS

BINOCULAR EYEPIECE

Eyepiece	Field-of-view	Magnification ratio
Standard binocular eyepiece lens	180 × 240mm (7.1" × 9.5")	1X
Standard magnifier eyepiece lens	170mm φ (6.7" φ)	1.8X
3X binocular viewer	70mm φ (2.7" φ)	3X
6X binocular viewer	30mm φ (1.2" φ)	6X

POCKET SIZE STEREOSCOPE

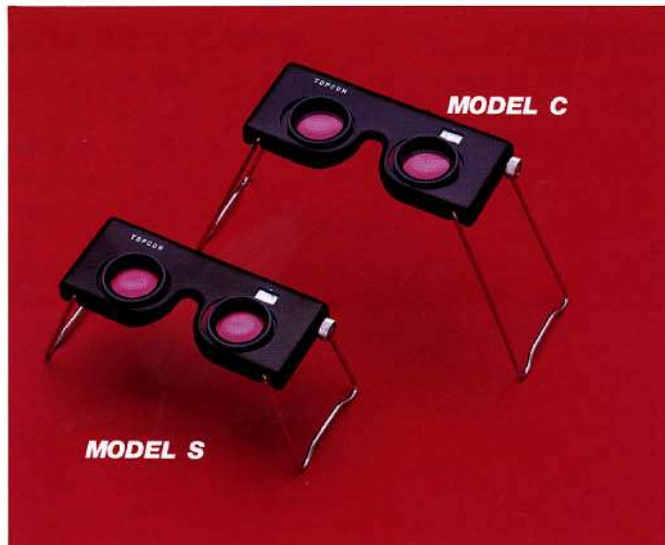
MODEL S and C

Easy to carry, miniaturized stereo-scope.

- * Pupil distance is adjustable.
- * Legs are folded to be stored in a compact soft case.
- * Black colored pressed duraluminum frame.

Model S: 4X magnification stereo-scope.

Model C: 2X magnification stereo-scope.



SPECIFICATIONS:

	MODEL S	MODEL C
Magnification ratio	4X	2X
Pupil distance	55 to 75mm	55 to 75mm
Dimensions	170 × 100 × 70mm	170 × 100 × 130mm
Weight	140g (with soft case)	150g (with soft case)

Important

In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.



Certificate No.94/3102
TOPCON CORPORATION
 Surveying Instruments Division (Tokyo)



75-1 Hasunuma-cho, Itabashi-ku, Tokyo 174-8580, Japan Phone: 3-3658-2520 Fax: 3-3960-4214 www.topcon.co.jp

TOPCON AMERICA CORPORATION

CORPORATE OFFICE
 37 West Century Road, Paramus, New Jersey 07652, U.S.A.
 Phone: 201-261-9450 Fax: 201-387-2710 www.topcon.com

TOPCON CALIFORNIA

3380 Industrial Blvd, Suite 105, West Sacramento, CA 95691, U.S.A.
 Phone: 916-374-8575 Fax: 916-374-8329

TOPCON MIDWEST

891 Busse Road, Elk Grove Village, IL 60007, U.S.A.
 Phone: 847-734-1700 Fax: 847-734-1712

TOPCON LASER SYSTEMS, INC.

5756 West Las Positas Blvd., Pleasanton, CA 94588, U.S.A.
 Phone: 925-460-1300 Fax: 925-460-1315 www.topconlaser.com

TOPCON EUROPE B.V.

Esse Baan 11, 2908 LJ Capelle a/d IJssel, The Netherlands.
 Phone: 010-4585077 Fax: 010-4585045 www.topcon-europe.com

TOPCON BELGIUM

Preenakker 8, 1785 Merchtem, Belgium
 Phone: 052-37 45 48 Fax: 052-37 45 79

TOPCON DEUTSCHLAND G.m.b.H.

Halskestr. 7, 47877 Willich, Germany
 Phone: 02154-9290 Fax: 02154-929-1111 Telex: 8531981 TOPC D

TOPCON S.A.R.L.

89, Rue de Paris, 92585 Clichy, Cedex, France.
 Phone: 33-1-41069490 Fax: 33-1-47390251 topcon@topcon.fr

TOPCON ESPAÑA S.A.

HEAD OFFICE
 Frederic Mompou 5, 09960, Sant Just Desvern Barcelona, Spain.
 Phone: 93-473-4057 Fax: 93-473-3932

MADRID OFFICE

Avenida Burgos, 16E, 1º 28036, Madrid, Spain.
 Phone: 91-302-4129 Fax: 91-383-3890

TOPCON SCANDINAVIA A. B.

Industrivägen 4 P. O. Box 2140 43302 Sävedalen Sweden.
 Phone: 031-261250 Fax: 031-269607 Telex: 21414

TOPCON (GREAT BRITAIN) LTD.

HEAD OFFICE
 Topcon House Kismet Side, Bone Lane, Newbury, Berkshire RG14 5PX U.K.
 Phone: 44-1635-551120 Fax: 44-1635-551170
 survey.sales@topcon.co.uk laser.sales@topcon.co.uk

TOPCON SINGAPORE PTE. LTD.

Alexandra District Park Block 4, #05-15, Pasir Panjang Road, Singapore 118491
 Phone: 27802222 Fax: 27335490 E-mail: topcon@topcon.com.sg

TOPCON AUSTRALIA PTY. LTD.

408 Victoria Road, Gladsville, NSW 2111, Australia
 Phone: 02-9817-4666 Fax: 02-9817-4664

TOPCON INSTRUMENTS (THAILAND) CO., LTD.

77/162 Sinn Sathorn Tower, 37th Fl.,
 Krungthornburi Rd., Klongtonnai, Klongsarn, Bangkok 10600 Thailand.
 Phone: 662-440-1152-7 Fax: 662-440-1158

TOPCON INSTRUMENTS (MALAYSIA) SDN. BHD.

Lot 226 Jalan Negara 2, Pusat Bandar Taman Melawati,
 Taman Melawati, 53100, Kuala Lumpur, Malaysia.
 Phone: 03-41079601 Fax: 03-41079796

TOPCON KOREA CORPORATION

Hyobong Bldg., 1306-1, Seocho-Dong, Seocho-Gu, Seoul, Korea.
 Phone: 02-3482-9231 Fax: 02-3481-1928

TOPCON OPTICAL (H.K.) LIMITED

2/F., Meeco Industrial Bldg., No. 53-55 Au Pui Wan Street, Fo Tan Road,
 Shatin, N.T., Hong Kong
 Phone: 2690-1328 Fax: 2690-2221 www.topcon.com.hk

TOPCON CORPORATION BEIJING OFFICE

Room No. 962 Poly Plaza Building, 14 Dongzhimen Nandajie,
 Dongcheng District, Beijing, 100027, China
 Phone: 10-6501-4191-2 Fax: 10-6501-4190

TOPCON CORPORATION BEIRUT OFFICE

P. O. BOX 70-1002 Antelias, BEIRUT-LEBANON,
 Phone: 961-4-523525/961-4-523526 Fax: 961-4-521119

TOPCON CORPORATION DUBAI OFFICE

Office No. 102, Khalaf Reshd Al Nayli Bldg., 245 Abu Hail Road, Deira, Dubai, UAE
 Phone: 971-4-2696511 Fax: 971-4-2695272