Ushikata SURVEYING COMPASSES

magnetizing the world as long as the Planet is magnetized.

The Ushikata Surveying Compasses have been used for compass survey over the world for a long time. The 4 models are specifically designed to be very handy and compact, and incorporate a lot of features. The LS-25 named Level Tracon is equipped with a unique reversible type telescope level for easy and convenient leveling corrections. Besides compass circle, the LS-25 and S-25 (named Tracon) have a horizontal reading, which is provided with a very unique "O-BAC" device for one-touch zero setting. The magnetic induction damper is provided to ensure quick magnetic reading. Stadia survey is available with the telescope reticle. These Pocket Compasses are used for mountain, forest and range surveying.

Features :

- The unique"O-BAC"device for quick zero setting and horizontal circle are provided with the LS-25 and the S-25.
- The LS-25 is provided with a reversible type telescope level with reflecting mirror. Sensitivity: 5'/2mm (vial graduation), 0.5' to 1' (estimated)
- Highly sensitive magnetic needle of an alloy of magnetic steel and solid light-weight titanium is adopted.
- The magnetic induction damper ensures quick readings for speedy and efficient surveying work.
- The compass is designed to be damp-proof and for easy readout, and all metal parts are of high purity alloy and completely eliminates possible reading errors with the magnetic needle.

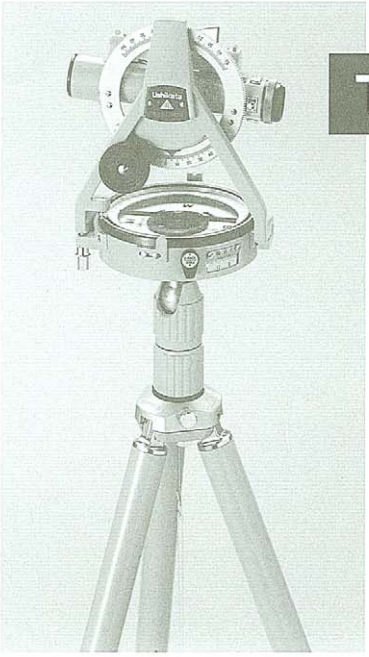
Plastic Carrying Case

All surveying compasses are complete with a very handy, light-weight plastic carrying case.

Specs \ Model	LS-25	S-25	S-27	S-28
Telescope	reversible, erect,12×, 120mm long	○	○	○ (not reversible)
Telescope Level	5'/2mm	—	—	—
Horizontal circle	5', "O-BAC" zero setting	○	—	—
Compass circle	Dia.=70mm,1°	○	○	○
Vertical circle	full circle, 1°	○	○	semi-circle,1°
Weight (with Case)	1.1kg.(1.3kg)	1.0kg(1.2kg)	0.9kg(1.1kg)	0.9kg(1.1kg)

○ means "same as with LS-25"

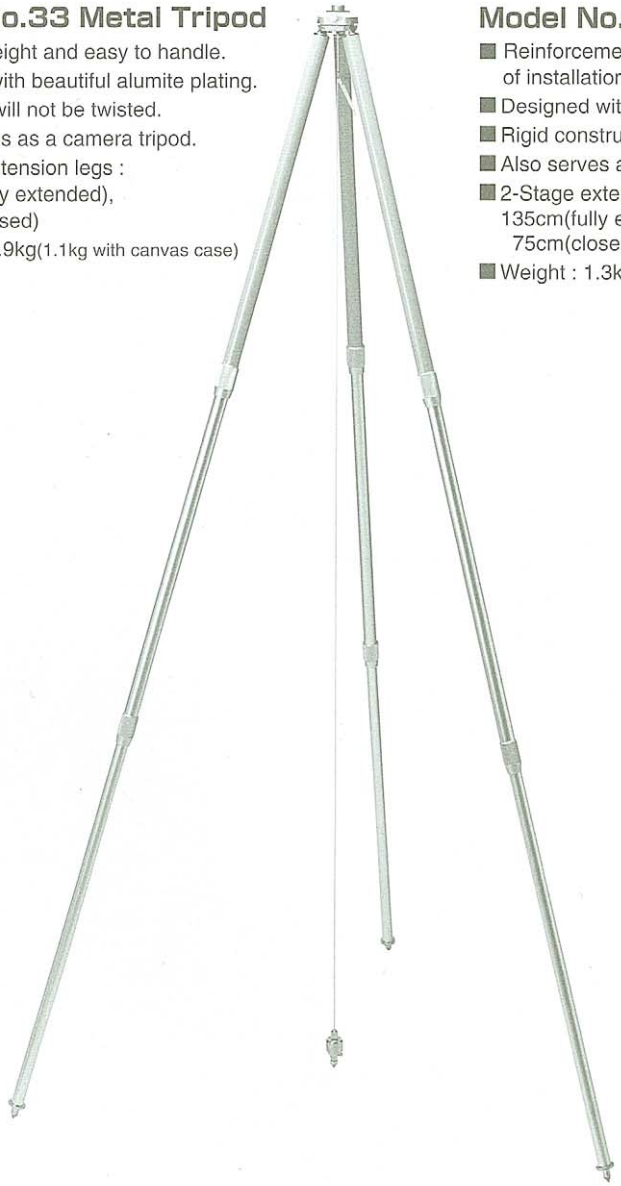
Ushikata Mfg.Co.,Ltd. 2-12-7 Chidori Ota-ku Tokyo 146-0083 Japan Phone.03-3758-1111 Fax.03-3756-1045
E-mail:info@ushikata.co.jp http://www.ushikata.co.jp



Tripod for Surveying Compass

Model No.33 Metal Tripod

- Light in weight and easy to handle.
- Finished with beautiful alumite plating.
- Plummet will not be twisted.
- Also serves as a camera tripod.
- 3-stage extension legs :
  132cm(fully extended),
  53cm(closed)
- Weight : 0.9kg(1.1kg with canvas case)



Model No.35 Wooden Tripod

- Reinforcement ring provided for secureness of installation.
- Designed with the best quality wood material.
- Rigid construction and easy portability.
- Also serves as a camera tripod.
- 2-Stage extension legs :
  135cm(fully extended),
  75cm(closed)
- Weight : 1.3kg(1.4kg with cardboard Case)

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