



 | **BRUNTON**[®]

2021 **GEOLOGY**
FORESTRY



In 1894, D.W. BRUNTON, a geologist and mining engineer, recognized the need for a simpler and smaller surveying compass. After numerous prototypes, D.W. Brunton settled on a design that became the foundation of all modern geological tools. Today, all transits are commonly referred to as a "Brunton".

We are proud to say that the industry that gave birth to Brunton is still at the core of our brand and product range. Geologists and mining surveyors use transits as part of their everyday toolkit.

GEOLOGY



Transits Globally preferred by geoscientists who need the highest level of precision and durability.	 	 	 	 	 
Product Name	Axis Transit	Geo Transit	Standard Transit	Compro Transit	Geo Lite Transit
Models	F-5012 (0-360°) F-5011 (0-90° Quad)	F-5010 (0-360°) F-5009 (0-90° Quad)	F-5020 (0-360°) F-5021 (0-90° Quad)	F-5007 (0-360°) F-5008 (0-90° Quad)	F-5030
Description	A twist on a traditional transit. The Axis Transit can take simultaneous measurements of strike & dip DR trend & plunge, making data collection faster than ever.	A universal mapping tool. Take measurements no matter if you prefer strike & dip or the Dr. Clar method!	The best low-angle strike and dip measurements with favorite features, in a CNC machined body.	An ultralight mapping solution, recommended for backcountry field mappers.	Geology-specific baseplate compass for students and field geologists who prefer a lightweight option or need an effective backup compass for backcountry work.
Measurement Style	Strike & Dip Dip & Dip Direction	Strike & Dip Dip & Dip Direction	Strike & Dip	Strike & Dip	Strike & Dip Dip & Dip Direction
Dimensions	3.9 x 2.8 x 1.2" 10 x 7 x 3cm	3.8 x 2.8 x 1.3" 9.6 x 7.1 x 3.3cm	3.1 x 2.8 x 1.3" 7.9 x 7.1 x 3.4cm	3.2 x 2.8 x 1.3" 7.9 x 7.1 x 3.3cm	4 x 2.5 x 0.6" 10.16 x 6.3 x 1.5cm
Weight	12.5oz 341.6g	12.8oz 363g	6.9oz 195g	5.7 oz 162 g	3.2 oz 68 g
Azimuth	+/- 1/2° w/ 1° graduations	+/- 1/2° w/ 1° graduations	+/- 1/2° w/ 1° graduations	+/- 1/2° w/ 1° graduations	+/- 1° w/ 2° graduations
Hinge Clinometer	+/- 1° w/ 2° graduations	+/- 1/2° w/ 2° graduations			+/- 2.5° w/ 5° graduations
Plumb Clinometer	+/- 1/2° w/ 1° graduations				
Internal Clinometer		+/- 1/2° w/ 1° graduations	+/- 1/2° w/ 1° graduations	+/- 1/2° w/ 1° graduations	+/- 2.5° w/ 5° graduations
Percent Grade		5% graduations	5% graduations	5% graduations	
Declination Adjustment	+/- 180°	+/- 180°	+/- 180°	+/- 180°	+/- 180°
Body	Machined aluminum w/ hard-anodized finish	Machined aluminum w/ hard-anodized finish	Machined aluminum w/ hard-anodized finish	Lightweight composite body	Acrylic baseplate with glass-filled PA lid
Water-resistant	●	●	●	●	●
Induction dampened needle	●	●	●	●	●
Sapphire jewel bearing	●	●	●	●	●
NdFeB magnet	●	●	●	●	●
Leather case included	●	●	●	●	●
Precision aligned mirror w/ "see-through" sighting		●	●	●	●
Short and long sights		●	●	●	
Adjustable needle locking	●	●			
Two long-level bubbles	●	●			
Flat bottom	●	●	W/ non-slip silicon foot		●
Dual-axis, hollow hinge	●				
Simultaneous strike & dip measurement	●				
Simultaneous trend & plunge measurement	●				
Bottle Opener			●		



Accessories

When accuracy matters...stability matters.



Product Name	Non-Magnetic Tripod	Trekking Pole Monopod	Jacob's Staff Adaptor	Transit Swivel Mount
Models	F-3051	F-4089	F-3060	F-3040
Description	This non-magnetic tripod ensures the ultimate level of accuracy through stability.	A lightweight and adjustable trekking pole that can double as a monopod when needed.	Combine this press-fit thimble with the Transit Swivel Mount and convert any pole into a Jacob's staff.	Affix your transit to a tripod for stable, hands-free sighting or to a monopod enhanced accuracy.
Dimensions	19.3 x 3.5 x 0.8" 7.8 x 8.9 x 2.1cm	adjusts 25.5-62.5" adjusts 65-159cm	1 x 1" 3.8 x 2.4cm	3 x 3.5 x 0.8" 7.8 x 8.9 x 2.1cm
Weight	24.8oz 703g	9.5oz 270g	0.8oz 22.7g	4oz 113.4g
Non-magnetic	•	•	•	•

PRECISION MADE IN THE USA

Brunton compasses are proudly made in the USA. All transits and the bulk of compasses are designed, developed, and hand-built in our factory in Riverton, WY and are sold across the world via our global headquarters in Louisville CO.

As true specialist in high quality tools, our aim is to inspire, educate, and support professional pursuits and outdoor exploration.





In addition to geologic instruments, Brunton offers tools forestry professionals need to manage wildlife habitats, recreation, biodiversity, and sustainable forestry - aka Multiple-use Management in forestry parlance.

Foresters require portable and precise navigational devices, clinometers and sighting instruments to efficiently collect field data.



FORESTRY

Precision full-featured baseplate compasses with all the tools a forester requires.	 	 
Product Name	TruArc 20	TruArc 15
Models	F-TRUARC20 F-TRUARC20-GLOW - F-TRUARC20-K F-TRUARC20-K-GLOW - F-TRUARC15-DMIL-GLOW F-TRUARC15-DMIL-K-GLOW - TruArc20Forester	F-TRUARC15 F-TRUARC15-GLOW - F-TRUARC15-K F-TRUARC15-K-GLOW - F-TRUARC15-DMIL-GLOW F-TRUARC15-DMIL-K-GLOW
Description	For rugged, advanced needs. This ultra durable compass offers professional features and accessories in a small package.	Designed for foresters who need a professional feature set in a lightweight package.
Dimensions	4.1 x 2.5 x 1" 10.4 x 6.3 x 2.5cm	4 x 2.5 x 0.6" 10.16 x 6.3 x 1.5cm
Weight	3.6 oz 102 g	3.2 oz 88 g
Luminous Readout	specific models only	specific models only
Resolution	1°	1°
TruArc™ Global Needle	●	●
Ever-North Magnet	●	●
Map Magnifier	●	●
Sighting Mirror	●	●
Bubble Level	●	●
Clinometer	●	●
Magnified Readout	●	●
Dual Azimuth Ring	●	●
Tool-Free Declination	●	●
Engineer's Ruler	●	●
Map Meridian Lines	●	●
Inch/MM Scales	●	●
Romer Scales	●	●
Cover & Rubber Foot	●	●
Quick-Reference Lid with Reference Cards	●	●

Chosen by foresters who strive for intuitive, accurate measurements.	 	 
Product Name	Omnislope	Omnisight
Models	F-OMNISLOPE F-OMNISLOPE LED	F-OMNISIGHT F-OMNISIGHT-MN-LED - F-OMNISIGHT-ME F-OMNISIGHT-ME-LED - F-OMNISIGHT-MS F-OMNISIGHT-MS-LED
Description	The ultimate forestry instrument with precision clinometer for slope and angle measurements.	This spot-through compass offers the convenience of multiple precision scales in one hand-held device.
Dimensions	2.5 x 3.5 x 0.5" 6.3 x 8.8 x 1.3cm	2.5 x 3.5 x 0.5" 6.3 x 8.8 x 1.3cm
Weight	11.8oz 335.6g	11.8oz 335.6g
Resolution	1°	1°
Range	180°	
Percent grade	●	
Pendulum	●	
Forestry chain	●	
All-in-one-scales	●	●
NdFeB magnet		●
Reciprocal		●
Illuminated	specific models only	specific models only



**BRUNTON
ECOmpass
PROJECT**

The Brunton ECOmpass Project is a continuous 360° evaluation of Brunton's business practices to improve and enhance every aspect – facilities, operations, manufacturing, personnel, and products – through our four ECOmpass Cardinal Points: N-nature, S-society, E-economy, and W-well-being.



Nature
We believe being outside is beneficial to everyone.



Well-being
We impact the wellness of those around us.



Economy
We must operate a healthy and sound business.



Society
We are responsible societal partners.