



E-CLIMB.COM SL
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BARCELONA SPAIN

TECHNICAL MANUAL
ICE AXES CRYO AND CRYO2.

C E
 E-CLIMB.COM ice axes for snow, ice and mixed climbing conform to European Standards for P.P.E. "Personal Protective Equipment" and fulfil the criteria outlined in rule EN 13089.
 E-CLIMB.COM ice axes have been designed for use in all types of alpinism.

WARNING
 Ice and mixed climbing, alpinism and dry tooling require expert knowledge and frequently involve risks that may result in serious injury or even death.
 It is the responsibility of each individual climber who uses E-CLIMB.COM axes for ice, snow or mixed climbing to be knowledgeable and competent in the relevant techniques of protection and progression, and to assume responsibility for all risks associated with these activities, including those arising from incorrect use of E-CLIMB.COM products.
 E-climb axes have an approximate lifetime of:
 1-Sporadic, discontinuous use: 4 to 8 years.
 2-Annual use; alpinism and icefalls: 3 to 6 years.
 3-Professional use; mountain guides and professional alpinists: 3 to 5 years.

MAINTENANCE
 -It is essential to carefully inspect the axes for damage before and after each climb.
 -Any modifications made to E-CLIMB.COM axes are made at your own risk and automatically cancel the guarantee.
 -It is important not to subject metal parts of E-CLIMB.COM axes to heat as this may alter the heat treatment they have received and thus affect their safety and reduce their useful lifetime.
 -Under no circumstances should an electric grinder be used to sharpen the pick of E-CLIMB.COM axes. Always use a hand file.
 -When replacing any accessory (pick, adze, hand rest, spike) replace ALSO the screw with the new one supplied in the accessory bag. NEVER USE ANY OTHER SCREW THAN THE ONE SUPPLIED.

-Never store E-CLIMB.COM axes damp. Some of the metal components may oxidise. If necessary wash with water and a neutral soap. It is advisable to dry the axes with a cloth and store them in a dry place.

ACCESSORIES
 -The CRYO axe can be used without the adze or the hammer, in this case we recommend inserting the protective plug included.
 -For use without leashes you can use the TRIG adjustable finger rest.
 -CRYO axes may be used with two types of pick:
 1- ICE pick (Type 2(T)) "included on the axe" Alpinism and waterfall ice.
 2- DRY pick (Type 2(T)) "available as an accessory" dry tooling.
 -CRYO2 axes allow the addition of a HAMMER2 and CREST as accessories.
 -CRYO2 axes may be used with three types of pick:
 1- ICE pick (Type 2(T)) "included on the axe". Waterfall ice and alpinism.
 2- TOP pick (Type 2(T)) "available as an accessory". Extreme dry tooling and competition.
 3- DRY pick (Type 2(T)) "available as an accessory". Dry tooling

USE
 To use the CRYO and CRYO2 axes correctly it is essential that you are experienced in the techniques of progression on vertical terrain with axes.
 The CRYO axe has a belay plate incorporated into the design of the head for belaying and abseiling. Always direct the pick to the outside when abseiling with the axe.
NEVER use the axe to belay the leader.
 When using the axe to belay the second always hang it from the hole incorporated in the shaft **NEVER** from the hand rest spike.
NEVER Use the axes as the main anchor in the belay.

IMPORTANT RECOMMENDATIONS
 -E-CLIMB.COM axes are tools designed primarily for ice climbing and may, when used for mixed climbing or dry tooling, suffer severe deterioration.
 -The force created by rotating the shaft while the pick is jammed into a crack in the rock may cause irreparable damage.
 -We recommend replacing the pick when filing has worn it down to the first tooth.

SIGNIFICANCE OF MARKINGS
 "CE" indicates conformity to European Directive 89/686.
 "0082" indicates the number of the notified body for the production control phase.
 The notified body who have done EC Type examination and test:

CETE APAVE SUDEUROPE
B.P193
13322 MARSEILLE
Cedex 16 - France
Nº 0082

"T" indicates its conformity with the technical axes and picks trials for type 2.
 "A6" indicates month (in alphabetical order) and year of manufacturing.

SPECIFICATIONS			
MODEL	DESCRIPTION	REF.	WEIGHT
CRYO M	Axe with Hammer type 2 (T)	C102	597 g
CRYO P	Axe with Adze type 2 (T)	C103	596 g
CRYO LT	Lightened Axe type 2 (T)	C130	538 g
ICE	Pick for alpinism & waterfall ice type 2(T) (inc. screw)	C108	82 g
DRY	Pick for dry tooling type 2 (T) (inc. screw)	C109	92 g
TRIG	Finger rest (inc. screw)	C127	8 g
ADZE	Adze (inc. screw)	C123	40 g
HAMMER	Hammer	C116	51 g
SPIKE	Spike (inc. screw)	C129	60 g
SPIKALPIN	Spikalpin (inc. screw)	C133	60 g
SPIKELESS	Shaft base (inc. screw)	C132	46 g
SPIKEFALL	Spikefall (inc. screw)	C141	60 g
MODEL	DESCRIPTION	REF.	WEIGHT
CRYO2	Axe for vertical ice, dry tooling, alpinism and competition. Type 2 (T)	C302	650 g
ICE	Pick for waterfall ice and alpinism Type 2 (T) (inc. screw)	C108	82 g
TOP	Pick for extreme dry tooling and competition Type 2 (T) (inc. screw)	C208	92 g
DRY	Pick for dry tooling Type 2 (T) (inc. screw)	C109	92 g
CREST	TOP pick prolongation on head	C211	11 g
HAMMER2	Hammer	C316	51 g

E-CLIMB.COM GUARANTEE
 All E-CLIMB.COM products carry a two-year guarantee against materials and manufacturing defects. This guarantee excludes normal wear and tear, modifications to the product, rust and damage caused by inappropriate use.

