SENSOR 3PRO

FEEL. CONTROL. CONNECT.

SENSORY PERFECTION

SENSORY PERFECTION

Witness next-level innovation, functional design, and clean esthetic in the carbon powered Sensor 3 Pro – with all the groundbreaking features of the Sensor 3 but built in a carbon fiber construction and with Tectanium Vario lines.

WATCH VIDEO!

FEATURES

CARBON SOUL

TITANIUM CORE

STEALTH WINDERS

GRIPLOC

TECTANIUM® VARIO LINES

LIVE WIRE

AUTO UNTWIST

4:1 ADJUSTER

CIC RELEASE

SUPPORTED SINGLE FRONTLINE SAFETY (SSF)

SHORT SAFETY LEASH

LINES MADE IN GERMANY

SPLICED ENDS

REPLACEABLE BAR INSERTS

ANTI-SLIP COATING

MULTIBAG

HIGH-QUALITY RAW MATERIALS

LOOPS & STICK SETS

PRO LEASH 3

KEY FEATURE SNAPSHOT

FEEL.

The superlative feel and comfort of the Sensor 3.
And Formula One responsiveness from its titanium trussed, carbon fiber bar.

CARBON SOUL

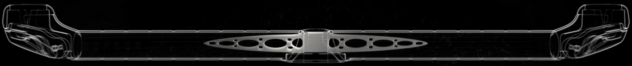
Ultimate performance has a name: Sensor 3 Pro!

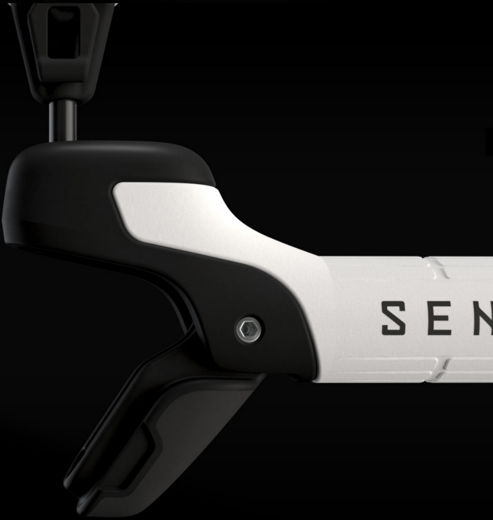
The incredibly light and rigid carbon fiber composite reduces the bar's inertia, which in turn improves response and control. Kitesurfing has never been more precise!

TITANIUM CORE

Super light and strong.

The integrated titanium truss ensures our twin auto-untwist center lines that pass through the center of the bar do not affect the bombproof rigidity of our bar. It might be overkill, but we prefer it that way. And if the center lines wear out the bar guide, you can always replace it with a fresh one.





STEALTH WINDERS NEW!

No divots, sharp corners, or hard protruding ends on this bar.

The clean, minimalistic bar ends create no new contours to interfere with your fun. After your fun sesh, the soft bar ends fold open to reveal hidden line winders. Nifty!

GRIPLOC NEW!

The narrow, non-slip asymmetric grip is easy on the hands – even for marathon sessions. Contrasting colors provide improved left/right visual guidance. And a thin redline on the underside lets you know if the bar is reversed.

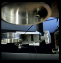
CONTROL.

Every part of the bar is meticulously designed to provide **unprecedented feedback and control**. And now, with 100% Tectanium lines, the Sensor 3 Pro delivers **the ultimate fly-by-wire feel**.

TECTANIUM® VARIO LINES

Exclusively developed for CORE by Liros, the market leader in specialized aeronautical and sail cordage.

The no stretch Tectanium center and steering lines are 400% more resistant to elongation and feature an unbelievable 50% higher breaking strength. The 10% thinner lines are also noticeably more aerodynamic. Our adjustable length Tectanium lines let you fly your kite at 18, 20, 22, or 24 meters with its base 18m lines and 2 extensions.



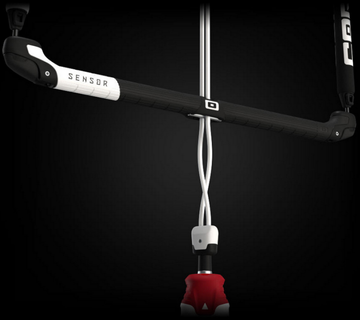
LIVE WIRE NEW!

Feel more "connected" to your kite with floaters that don't interfere with the natural movement of the steering lines as they end a few centimeters above the bar. Adjust bar width by merely swiveling the line block hidden under the Stealth Winders. And the elastic line keepers disappear into the floaters for a clean, uncluttered kite session.

AUTO UNTWIST

Twisted lines are a thing of the past.

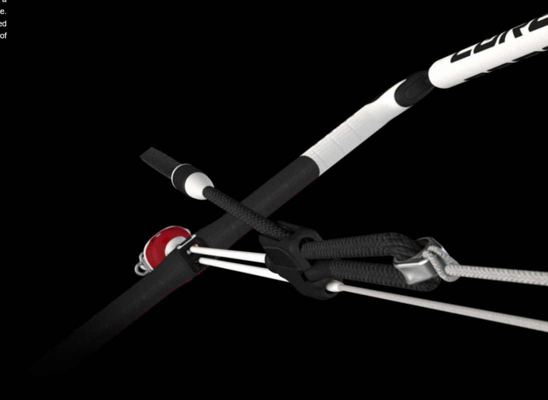
Untwisting your front lines after looping your kite is as simple as pulling in the bar. Front line twists only occur below the Sensor 3 bar where a ceramic swivel unravels the front lines automatically. Another benefit is the sweet "between the fingers" comfort when your hand straddles the center lines due to the narrow width and coating of the front lines. Welcome to the era of auto untwist!

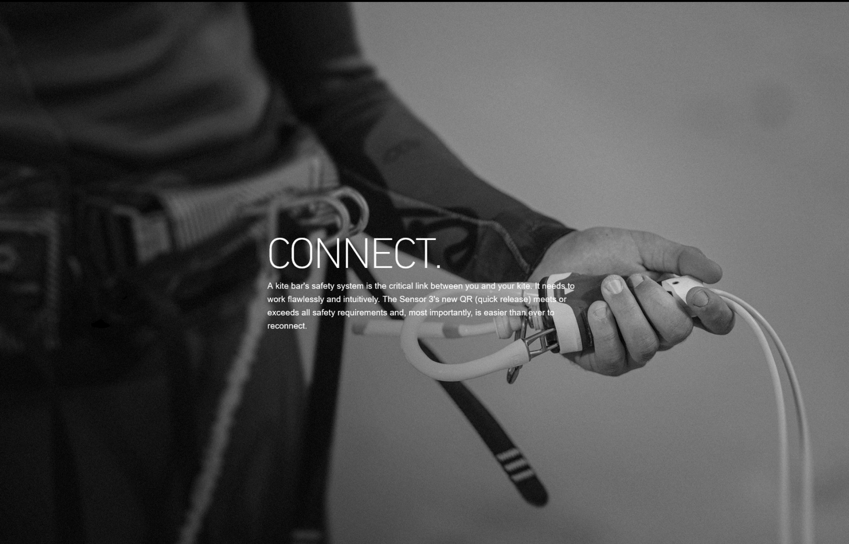


4:1 ADJUSTER

Simple. Fast. Easy. And proven.

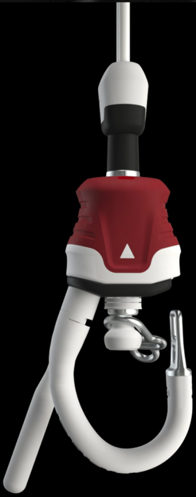
Our block and cleat system reduces pulling forces by a factor of four, making quick adjustments in gusts a breeze. And the adjuster rope features a new elasticized construction which shortens and keeps the rope out of your way.





CONNECT.

A kite bar's safety system is the critical link between you and your kite. It needs to work flawlessly and intuitively. The Sensor 3's new QR (quick release) meets or exceeds all safety requirements and, most importantly, is easier than ever to reconnect.



CIC RELEASE NEW!

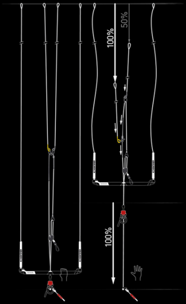
Safe is good.

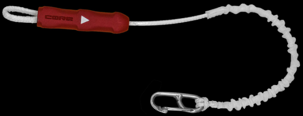
The heart of our new CORE Intuitive Connect Release is our push-out and easy click-back-in quick release. The red CIC Release cap is designed to provide a superior grip in emergency situations. And reconnecting the quick release is as simple as re-inserting the chickenloop end into the CIC mechanism until you hear it click in. CIC Release. Just release and click back in.

The Sensor 3 comes equipped with our standard triple ring. The triple ring is not only easy to hook your leash to but also allows you to easily attach a second leash while transferring the kite to a friend. We also include a wakestyle combo ring for experienced unhooked kiters. **Do not use the combo ring unless you have advanced wakestyle skills.** Product images show the combo ring.

SUPPORTED SINGLE FRONTLINE SAFETY (SSF)

CORE's exclusive hybrid system combines the advantages of a single front line, double front line, and fifth line safety. When deployed, it blows out the front line (below the "Y"), eliminating pull. At the same time, a pulley system shortens the second front line (above the "Y"), which moves the kite to a stable and safe relaunch position.





SHORT SAFETY LEASH

Extra short is extra safe.

A short safety leash comes standard with all CORE bar systems. When connected to your spreader bar, our 50cm leash delivers better ergonomics and safety. It's easier to see or grab, and it won't tangle. If, on the other hand, you see yourself unhooking in the future, we have a Pro Leash for you.

THE CORE ADVANTAGE

LINES MADE IN GERMANY

CORE tough.

Our line supplier, Liros, is a name synonymous with innovation and workmanship. Liros pre-stretch all our lines under heat for lasting performance. You'll immediately notice the quality when laying out your lines for the first time.

SPLICED ENDS

For a better hold.

We splice all our ends before sewing for a more permanent hold. It's a little more work, but this method guarantees higher strength and better aerodynamics.

REPLACEABLE BAR INSERTS

Simple and replaceable.

Bar inserts that surround the depower lines lubricate them as they pass through the bar to reduce wear. The inserts are also easily and inexpensively replaced without tools.

ANTI-SLIP COATING

More grip's always better.

Special rubber is applied to the bar ends and
CIC release to give the surface even more grip when wet.

MULTIBAG

More than just a bag.

The multi-purpose barbag offers protection for your shiny Sensor 3 Pro bar when you're on the road. Accessories, tools, spare parts, line extensions, and optional loops can be stored in the bag's compartments. The mesh insert on the back guarantees proper ventilation. Fold it away or hang it up in a visible spot, so you don't forget it.

HIGH-QUALITY RAW MATERIALS

A bar is only as good as the quality of its parts and processes.

We use thermoplastics primarily used for the production of precision parts using the injection molding process. The colorless, semi-crystalline polymers are characterized by extreme rigidity, low frictional resistance, and amazing dimensional stability.

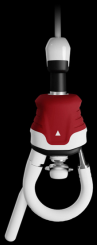
Titanium is as strong as steel but 45% lighter. This gives titanium the highest strength-to-weight ratio of all known metals. Plus, titanium is impervious to salt. For these reasons, we've used titanium for the control bar truss, as well as the quick release and bar end grub screws.

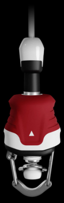
Marine-grade A4 stainless steel is used for the remaining metal components. The higher proportion of molybdenum minimizes corrosion and delivers years of reliable performance.

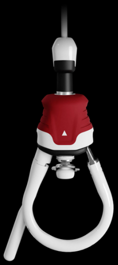
Only the best stuff goes into every Sensor 3 Pro.

ACCESSORIES

CORE LOOPS & STICK SETS







STANDARD LOOP

The small loop comes standard on the Sensor 3 Pro and is designed for freeriders and freestylers who mostly ride hooked. The smaller loop size also lowers

ROPE SLIDER

The Rope Slider loop is our recommended solution for wave and foil riders (who use a rope harness). Its compact design brings the bar closer to the body and

PRO LOOP

Radical wakestylers, freestylers, and unhooked kiters will prefer our largest available chickenloop. Its size makes unhooking and hooking back in easy and the adjuster height, which benefits shorter riders. An elasticized chicken stick is easily manipulated to make hooking in faster. After hooking in, the chicken stick can be passed through the harness hook to avoid unintentional unhooking.

The standard loop Sensor 3 is delivered with a triple ring. A combo ring is included for wakestyle use only. All images on this page show the combo ring.

improves lateral movement without annoying harness slippage. The Rope Slider is only intended for use with a sliding rope spreader bar. The metal surface of the loop is finely ground by hand to reduce friction and wear on the spreader bar rope. The safety ring can be attached in semi-suicide mode. This method keeps the leash's carabiner at the same level of the quick release and out of the way.

intuitive. Naturally, the distance to the adjuster increases, so you should keep that in mind. To prevent unintentional unhooking, use the chicken stick and when you don't need it, simply move it outside the loop where it won't get in the way.

The Sensor 3 Wake is set up with the combo ring. Unhook and hook back in like never before.

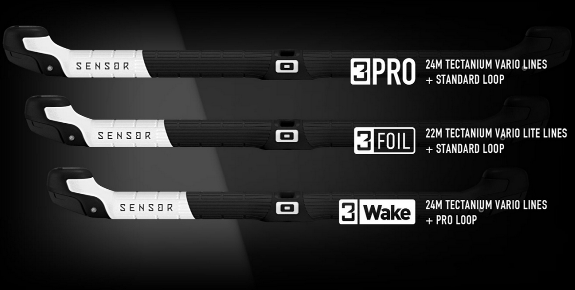
PRO LEASH 3

Radical kiter or wakestyler? The Pro Leash 3 is for you. Its length enables comfortable passes without the "straitjacket" feel. A new swivel guarantees smooth spinning and a generous, protective neoprene sleeve over the carabiner prevents unintentional release.

Please note that connecting your leash to the back of your harness makes it more difficult to release than our standard leash. Do not select this option if you ride hooked in.

SENSOR 3 PRO OPTIONS

In addition to the Pro model, CORE is releasing the Sensor 3 Pro Foil and Sensor 3 Pro Wake for hardcore enthusiasts.


SENSOR
3PRO
24M TECTANIUM VARIO LINES
+ STANDARD LOOP
SENSOR
3 FOIL
22M TECTANIUM VARIO LITE LINES
+ STANDARD LOOP
SENSOR
3 Wake
24M TECTANIUM VARIO LINES
+ PRO LOOP

SENSOR 3 PRO FOIL

For the ultimate XLITE experience, select the highly specialized Sensor 3 Pro Foil bar. It's **narrower width (45cm/41.5cm)**, and **super thin lines** reduce air resistance and improve steering. Heck, even water starts in light winds are easier. The bar comes standard with **22-meter long Tectanium Vario Lite lines (16+4+2m)** that have a breaking load of over 300 kilograms. We also include an additional 3m line extension so you can ride 25m lines if you should choose.

- **Sensor 3 Pro Foil bar** (45cm/41,5cm)
- **22m Tectanium Vario Lite lines** (16+4+2m)
- **Standard loop/stick set with assembled triple ring. Combo ring included in delivery.**

SENSOR 3 PRO WAKE

Narrow is good. The **narrowest of our Sensor 3 bars (40cm/36.5cm)** provides the least amount of steering input during your rotations. A raised grip pattern lets you know if the bar is in the right hand (pun included:) when you're doing blind handle passes. The clean look is interrupted on the underside with a thin redline so you not only feel but see the bar is reversed. The carbon fiber bar naturally comes with the **larger Pro Loop and 24m Tectanium Vario lines (18+4+2m)**.

- **Sensor 3 Pro Wake bar** (40cm/36,5cm)
- **24m Tectanium Vario lines** (18+4+2m)
- **Pro loop/stick set. Comes with the Pro Leash 3 and combo ring.**

CORE
SENSOR
SENSOR 3
PERFECTION THROUGH SIMPLICITY.

MOMENTS

Prices*	
Sensor 2S	519 EUR
Sensor 3/3+	619 / 669 EUR
Sensor 3 Pro	749 EUR

* suggested retail price.
Pricing may vary.

6 YEAR PARTS AVAILABILITY

CORE bar systems are built to last. Our legendary durability is backed by a six year parts availability guarantee. We will stock all Sensor 3 Pro replacement parts for a minimum of six years from date of purchase.

COMPATIBILITY

The Sensor 3 Pro bar is fully compatible with the XR7, XR7 LW, XR6, XR6 LW, XR5, XR5 LW, XR4, XR4 LW, Riot XR3, Riot XR3 LW, Riot XR2, Riot XR2 LW, Riot XR, Riot XR LW, Nexus 2, Nexus 2 LW, Nexus, Nexus LW, Free, Free LW, GTS6, GTS6 LW, GTS5, GTS5 LW, GTS4, GTS4 LW, GTS3, GTS3 LW, GTS2, GTS, GT, XLITE, Section 4, Section 3, Section 3 LW, Section 2, Section 2 LW, Section, Section LW, Impact 2, Impact and lots of 4-line kites by other brands.

SUPPORT

- Download PDF manual
- Register your bar online
- Accessories & Parts
- CORE Store
- CORE Support

Now available at your local CORE retailer.

DELIVERY

SENSOR 3 PRO

Bar comes with 24m Tectanium Vario lines (18+4+2m), standard loop/stick set, 50cm/46,5cm bar, Short Safety Leash, barbag & manual

SHARE | TWEET | SHARE | PIN IT | MAIL

PERFECT MATCH

SENSOR 3/3+

Perfection through Simplicity

NEXUS 3

Wave + | Freestyle | Freeride

XR7

High Performance Freeride + | Big Air | Freestyle | Wave

GTS6

Freestyle + | Wave | Freeride

MORE ABOUT CORE

6 month **extended warranty** with product registration. Click here for your chance to win!	**6 year** replacement parts availability	**Global** support

KITE > BARS > SENSOR 3 PRO

WING
- XC
- Roamer
- Spectrum

KITES
- XR7
- Nexus 3
- GTS6
- XLITE 2
- Section 4
- Impact 2
- Xperience

LIGHTWIND SERIES

SPECIALIZED SERIES

CONTROL BARS
- Sensor 2S
- Sensor 3 Pro
- Sensor 3/3+

BOARDS

TWINTIPS
- Fusion 5
- Choice 5
- Bolt 4

SURFBOARDS
- Ripper 4
- 720
- Green Room

FOIL
- XLITE 2
- SLC
- Sensor 3 Pro

ACCESSORIES

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