

EXPERTISE RESEARCH & DEVELOPMENT DESIGN & MANUFACTURING COMMITMENT









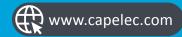




















SUPPORTING TOMORROW'S MOBILITY

Anticipating changes

For 30 years, Capelec has been offering mobility professionals innovative measurement and control equipment. Improving air quality and road safety are major challenges. The solutions developed aim to improve transport conditions, while respecting the environment.

Centralized design and manufacturing

The Capelec design office imagines and develop equipment in South of France. This is also where the production site and the technical support are located. A centralization that ensures efficiency and reactivity.



Innovation and Quality

20% of the teams dedicated to research and development Capelec offers a range of equipment dedicated to pollution control and vehicle safety: braking, suspension, slip control, exhaust emissions and lighting. Innovative and ergonomic equipment that meets the most demanding expectations of the sector's players.









Our teams are at your service.



INTERNATIONAL INVOLVEMENT

Capelec exports in more than 50 countries.

Our equipment is operated on all continents and latitudes. Capelec is also an active member of main associations.





















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OUR GUARANTEES



RELIABILITY AND PERFORMANCE

Our equipment benefits from our expertise in control and measurement, and embeds the most innovative technologies.



AN INTEGRATED RANGE

Complemented by accessories and options, the equipment can be sold separately or combined.



WARRANTY

Secure your future equipment purchases with our extended warranty service.



TRAINING

We train technicians in the installation and maintenance of equipment. The offer is adapted to your needs.



ASSISTANCE

The remote maintenance service support you through the remote control of your connected equipment.



CERTIFICATION

Audits carried out each year attest that our products and services and services meet the requirements of the ISO 9001:2015 standard.





ONLINE CATALOG

All references are available on Capelec website.













FOLLOW US!

Discover our videos on our Youtube channel.

- Achievements
- Tutorials for use
- Maintenance

Also mett us on





INSPECTION | **WORKSHOP** EQUIPMENT



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EMISSIONS

INSPECTION & WORKSHOP EQUIPMENT

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MEASURING AND COMMUNICATION DEVICES	20

COMBINED STATIONS GAS ANALYSERS + SMOKEMETERS



CAP3201 STANDALONE

4 gas analyser & Smokemeter

Central unit | LCD display & 5 key keyboard

Built-in thermal printer | S3201 software

RPM inductive and piezo sensor

CAP3030 BT Smokemeter cell

4 gas: CO, CO₂, HC, O₂

Sampling probes | Oil temperature sensor

CAP3201EX-GO

GAS ANALYSER TECHNICAL SPECIFICATIONS

Complying with standards : OIML R99, Class 0, ISO 3930, BAR 97, MID

HC: Range 0 - 10 000 ppm (C₆H₁₄)

CO: Range 0 - 15 % CO₂: Range 0 - 20% O₂: Range 0 - 25 %

SMOKEMETER TECHNICAL SPECIFICATIONS

Complying with standards: ISO 11614, NFR 10-025

- Opacity range : 0,00 to 9,99 $\mbox{m}^{\mbox{\tiny -1}}$
- Opacity resolution : 0,01 m⁻¹

⊘ Dual modes : Inspection & Workshops



CAP3550 VOYAGER

Carryable 4 gas analyser & Smokemeter

Suitcase 1: CAP3010 built-in 4 gas analysis module

Suitcase 2 : Laptop & accessories

CAP3030 BT wireless Smokemeter cell

4 gas : CO, CO₂, HC, O₂ | S3550 software

Sampling probes

Oil temperature probe

CAP3550EX-GO

GAS ANALYSER TECHNICAL SPECIFICATIONS

Complying with standards : OIML R99, Class 0, ISO 3930, BAR 97, MID

HC: Range 0 - 10 000 ppm (C₆H₁₄)

 $\begin{array}{lll} {\rm CO:} & {\rm Range~0~-15~\%} \\ {\rm CO_2:} & {\rm Range~0~-20\%} \\ {\rm O_2:} & {\rm Range~0~-25~\%} \\ {\rm Lambda:} & {\rm Range~0~-9,99} \end{array}$

SMOKEMETER TECHNICAL SPECIFICATIONS

Complying with standards : ISO 11614, NFR 10-025

Opacity range: 0,00 to 9,99 m⁻¹

• Opacity resolution : 0,01 m⁻¹

✓ Dual modes : Inspection & Workshops



CAP3500 TABLET

4 gas analyser & Smokemeter

10" tablet | Module holder

Wireless communication | S3500 software

4 gas : CO, CO₂, HC, O₂

CAP3010 built-in 4 gas analysis module

CAP3030 BT wireless Smokemeter cell

Sampling probes

Oil temperature probe

CAP3500EX-GO8

GAS ANALYSER TECHNICAL SPECIFICATIONS

Complying with standards : OIML R99, Class 0, ISO 3930, BAR 97, MID $\,$

HC: Range 0 - 10 000 ppm (C₆H₁₄)

 $\begin{array}{lll} {\rm CO:} & {\rm Range~0~-15~\%} \\ {\rm CO_2:} & {\rm Range~0~-20\%} \\ {\rm O_2:} & {\rm Range~0~-25~\%} \\ {\rm Lambda:} & {\rm Range~0~-9,99} \end{array}$

SMOKEMETER TECHNICAL SPECIFICATIONS

Complying with standards : ISO 11614, NFR 10-025

• Opacity range : 0,00 to 9,99 m⁻¹

• Opacity resolution: 0,01 m⁻¹

✔ Dual modes : Inspection & Workshops





CAP3600 TOTEM

4 gas analyser & Smokemeter



22" touchscreen

Totem pole | Accessories storage | Remote control

Wireless communication | S3600 software

CAP3010 built-in 4 gas analysis module

Sampling probes | Oil temperature probe

CAP3030 BT wireless Smokemeter cell

CAP3600EX-GOM



Complying with standards: OIML R99, Class 0, ISO 3930, BAR 97, MID

HC: Range 0 - 10 000 ppm (C₆H₁₄)

co: Range 0 - 15 % Range 0 - 20% CO,: Range 0 - 25 % O₂: Lambda : Range 0 - 9,99

SMOKEMETER TECHNICAL SPECIFICATIONS

Complying with standards: ISO 11614, NFR 10-025
• Opacity range: 0,00 to 9,99 m⁻¹ Opacity resolution: 0,01 m⁻¹



✓ Dual modes : Inspection & Workshops



CAP3500 WORKSHOP TABLET

Tablet Expert combined station Pre-inspection diagnosis

5 gas: CO, CO₂, HC, O₂, NOx

Expert report

CAP3030 BT wireless Smokemeter cell

CAP8533 RPM module | CAP4350 EOBD module

S3500 Workshop software

MID certified | EC approved

Self commissioning

CAP3500EX-5GO4



GAS ANALYSER TECHNICAL SPECIFICATIONS

Complying with standards : OIML R99, Class 0, ISO 3930, BAR 97, MID $\,$

Range 0 - 10 000 ppm (C₆H₁₄)

co: Range 0 - 15 % CO,: Range 0 - 20% Range 0 – 25 % O₂: Lambda : Range 0 - 9,99 NOx: Range 0 - 5 000 ppm

SMOKEMETER TECHNICAL SPECIFICATIONS

Complying with standards: ISO 11614, NFR 10-025

Opacity range : 0,00 to 9,99 m⁻¹ • Opacity resolution : 0,01 m⁻¹



CAP3600 WORKSHOP TOTEM



PC Expert combined station Pre-inspection diagnosis

5 gas: CO, CO₂, HC, O₂, NOx

Expert report

CAP3030 BT wireless Smokemeter cell

CAP8533 RPM module | CAP4350 EOBD module

S3600 Workshop software

MID certified | EC approved

Self commissioning

CAP3600FRWS-GOM

GAS ANALYSER TECHNICAL SPECIFICATIONS Complying with standards : OIML R99, Class 0, ISO 3930, BAR 97, MID

Range 0 - 10 000 ppm (C₆H₁₄) HC:

CO: Range 0 - 15 % Range 0 - 20% CO,: Ο,: Range 0 - 25 % Lambda: Range 0 - 9,99 Range 0 – 5 000 ppm

SMOKEMETER TECHNICAL SPECIFICATIONS

Complying with standards : ISO 11614, NFR 10-025

Opacity range: 0,00 to 9,99 m⁻¹

Opacity resolution: 0,01 m⁻¹



GAS ANALYSERS



CAP3201 STANDALONE

4 gas analyser

Central unit | LCD display & 5 key keyboard

Built-in thermal printer | S3201 software

RPM inductive and piezo sensor

4 gas : CO, CO₂, HC, O₂

Sampling probe | Oil temperature sensor

CAP3201EX-G

GAS ANALYSER TECHNICAL SPECIFICATIONS

Complying with standards : OIML R99, Class 0, ISO 3930, BAR 97, MID

HC: Range 0 - 10 000 ppm (C₆H₁₄)

CO: Range 0 - 15 %

CO₂: Range 0 - 20%

O₂: Range 0 - 25 %

Lambda: Range 0 - 9,99

NOx: Range 0 - 5 000 ppm

✓ Dual modes : Inspection & Workshops



CAP3500 TABLET

4 gas analyser

10" tablet | Module holder

Wireless communication | S3500 software

CAP3010 built-in gas analysis module

4 gas : CO, CO_2 , HC, O_2

Sampling probe | Oil temperature probe

CAP3500EX-G8

GAS ANALYSER TECHNICAL SPECIFICATIONS

Complying with standards : OIML R99, Class 0, ISO 3930, BAR 97, MID

HC: Range 0 - 10 000 ppm (C₆H₁₄)

CO: Range 0 - 15 %

CO₂: Range 0 - 20%

O₂: Range 0 - 25 %

Lambda: Range 0 - 9,99

NOx: Range 0 - 5 000 ppm

✓ Dual modes : Inspection & Workshops





CAP3550 VOYAGER

Carryable 4 gas analyser

Suitcase 1 : CAP3010 built-in 4 gas analysis module

Suitcase 2 : Laptop & accessories

Wireless communication | S3550 software

4 gas : CO, CO₂, HC, O₂

Sampling probe

Oil temperature probe

CAP3550EX-G



GAS ANALYSER TECHNICAL SPECIFICATIONS

Complying with standards : OIML R99, Class 0, ISO 3930, BAR 97, MID

Range 0 - 10 000 ppm (C₆H₁₄) HC:

Range 0 - 15 % CO: CO₂: Range 0 - 20% O₂: Range 0 – 25 % Lambda: Range 0 - 9,99

✓ Dual modes : Inspection & Workshops



CAP3600 TOTEM

4 gas analyser

22" touchscreen

Accessories storage | Remote control

Wireless communication

4 gas: CO, CO₂, HC, O₂

Sampling probe

S3600 software

Dual modes: Inspection, Repair

CAP3600EX-GM

GAS ANALYSER TECHNICAL SPECIFICATIONS

Complying with standards: OIML R99, Class 0, ISO 3930, BAR 97, MID

HC:

Range 0 - 10 000 ppm (C₆H₁₄) CO: Range 0 - 15 %

Range 0 - 20% CO₂: O₂: Range 0 – 25 % Lambda: Range 0 – 9,99 NOx: Range 0 – 5 000 ppm

⊘ Dual modes : Inspection & Workshops



SMOKEMETERS



SMOKEMETER TECHNICAL SPECIFICATIONS

Complying with standards : ISO 11614, NFR 10-025

- Opacity range: 0,00 to 9,99 m⁻¹
- Opacity resolution : 0,01 m⁻¹

Dual modes : Inspection & Workshops



CAP3550 VOYAGER

Smokemeter

Tablet | Suitcase

Wireless communication

CAP3030 BT wireless Smokemeter cell

Sampling probe | S3550 software

CAP3500EX-O8

SMOKEMETER TECHNICAL SPECIFICATIONS

Complying with standards : ISO 11614, NFR 10-025

• Opacity range: 0,00 to 9,99 m⁻¹ • Opacity resolution: 0,01 m⁻¹

✔ Dual modes : Inspection & Workshops



CAP3600 TOTEM

Smokemeter

22" touchscreen

Totem | Accessories storage | Remote control

Wireless Bluetooth communication

CAP3030 BT wireless Smokemeter cell

Sampling probe

S3600 software

CAP3600EX-OM

SMOKEMETER TECHNICAL SPECIFICATIONS

Complying with standards : ISO 11614, NFR 10-025 $\,$

Opacity range: 0,00 to 9,99 m⁻¹

• Opacity resolution: 0,01 m⁻¹

✓ Dual modes : Inspection & Workshops



PARTICLE COUNTERS



CAP3500 TABLET

Particle counter



Tablet | WIN OS | Suitcase

Extended Diffusion Charging technology

Wireless communication | S3500 software

Heated probe sampling probe

CAP3070 cell with trolley

Oil temperature sensor

CAP3500EX-P

PN TECHNICAL SPECIFICATIONS

Measuring range : 5 000 to 5 000 000 particles/cm3 Resolution of indication : 1000 particles/cm3

✔ Dual modes: Inspection & Workshops



CAP3600 TOTEM

Particle counter



Extended Diffusion Charging technology

Wireless communication | S3600 software

Totem | PC Box

Heated probe sampling probe

CAP3070 cell with trolley

Oil temperature sensor

CAP3600EX-P

PN TECHNICAL SPECIFICATIONS

Measuring range : 5 000 to 5 000 000 particles/cm3 Resolution of indication : 1000 particles/cm3

✓ Dual modes : Inspection & Workshops



COMMON OPTIONS

MEASUREMENT



PN particle counter module Set to change into a combi unit Extended Diffusion Charging technology

CAP3070-KIT



HGV opacity smokemeter probe and hose Heated probe | 2,50m long Hose | 3,16m long

SSE01099



HGV smokemeter extention pipe Rod, pipe and handle 2m long Storage handle

CAP3030-CPPL

CAP3030-CPPLC (heated)



Motorbike gaz analyser set Feet and ajustable support

Universal exhaust pipe adaptor Exhaust pipe extension | Filtration

CAP3200-KITMOTO



Smokemeter hose

1.5m	PRO01028
2m	PRO01030
3m	PRO03602
3.5m	PRO03817

RPM & OIL TEMPERATURE



Infrared temperature probe

Laser pointer | LCD screen Bluetooth wireless connection | Powered 12V Requires CAP1220

CAP1330



Tachometer & thermometer | Battery

Battery cable & cigar-lighter cables Temperature probe | Bluetooth communication Requires CAP1220

CAP8520



Thermometer & tachometer | **Battery and Vibration** Temperature probe | Battery and cigar-lighter cables LCD screen | Vibration sensor | Requires CAP1220

Wireless Bluetooth connection

CAP8533-BT

EOBD, MOBILITY, COMMUNICATION



Connected EOBD reader

Bluetooth | Wireless connection | Universal scantool | Range of vehicles : light vehicles, HGV Cables and EOBD plug

CAP4350



RPM connection | PC Cable between PC and CAP8533

SSE00810-PC



Cell trolley 3 wheels | Brake | Handle Compatible with opacity cell series CAP3030 & CAP3070

PRO03496



Probe holder

To be positioned close to the exhaust pipe

PRO03030



CAP3201 OPTIONS

MEASUREMENT



NOx measurement set Adaptable to CAP3201 series

CAP3201-NOX



Smokemeter module CAP3030 v2

Set to upgrade a gas analyser into a combi unit Complete cell probe, wires, connections

CAP3200-KITOPA-2



Tachometer on battery CPU board CAP3201 set Battery cable & cigar-lighter cables

CAP3200-RPMBAT



RPM connection | CAP3201 TTL Cable between CAP3201 and CAP8533

SSE00870

COMMUNICATION



Smokemeter connection
1m cable | Compatible with CAP3201 series | CAP85XX

SSE00057



WIN 3200 software | Windows OS Operating with CAP32XX series Dongle key | DVD | Connection cable

CAP3200-WIN3200



Keyboard Wired | PS2 connector

QWERTY keyboard PRO00968



Data encoder Communication ports : USB, RJ45, RS232

Linux OS

RS232 connection	CAP1830F-R

Wireless Bluetooth connection CAP1830F-B

MOBILITY



Workshop trolley | Wheel base | Steel frameCompatible with CAP32XX series

Colours: grey, blue | CAPELEC branded

PRO03106



Power converter | Cigar lighter

12VDC/230V AC

PRO01807



RS232 converter to Bluetooth

CAP3201 control port antena	CAP1220
CAP32XX PC communication antena	CAP1223
CAP3030 smoke cell antena	CAP1221



CAP3500/CAP3600 OPTIONS

MEASUREMENT



Smokemeter module CAP3030 v2 | Horizontal Upgrading a gas analyser into a combined unit Probe | Holder | Wireless connection Bluetooth | S3030 software | Power supply cable

CAP3600M-OPA2



4 gas analyser module | Wires & connectors Upgrading a smoke meter into a combined unit Temperature probe | Filters S3600 Software | MID approval

CAP3600M-GAZEU



Opacimax module CAP3040 | Vertical Probe | Holder Power supply cable Wireless connection | Bluetooth

CAP3600M-OPAM



NOx measurement set

CAP3600M-NOX

ERGONOMY



Additional screen With totem bracket

22" additional screen	CAP00941
22" additional touchscreen	CAP00945
27" additional touchscreen	CAP00947



IR remote control
USB | infrared receiver
Compatible with CAP9XXX & CAP3XXX series

CAP1000-RCIR-USB

CAP3600 OPTIONS

MOBILITY



Mobile base | Metal | Grey 4 steering wheels | Protective bumper | Brake Compatible with CAPELEC totem

PRO03017

ERGONOMY



Keyboard holder | Adjustable Adaptable to Capelec totem

PRO03029

STORAGE



Screen protective cover Polyester fabrics | Black

PRO02686

EOBD SCANTOOLS

- ✓ CAP4120 FOR LIGHT VEHICLES
- ✓ CAP4150 FOR LIGHT AND HEAVY GOODS VEHICLES



EOBD READER STANDALONE

Keyboard | LCD screen display

Bluetooth | Wireless connection

Universal scantool

Protective case

Cables and EOBD plug

LV	CAP4120-EN	
LV + HGV	CAP4150-EX	

✓ CAP4350 FOR LIGHT & HEAVY GOODS VEHICLES



EOBD READER CONNECTED

SPECIFICATIONS 6B

All brands and vehicle models

Light and easy to handle

Cable-free or extention cable operation

Compatible with CAP4220 & CAP4250

Transmission: Bluetooth

CAP4350

COMMUNICATION



Extension cable EOBD extension cord

PRO04004

EOBD OPTIONS

COMMUNICATION



Data encoder Communication ports : USB, RJ45, RS232 Linux OS

RS232 connection

CAP1830F-R

Wireless Bluetooth connection

CAP1830F-B

ACCESSORIES



Black holder | Screen protection Compatible with CAP4120 series and CAP4150

Truck adaptor plugOBD round connector
Heavy trucks

PRO01597



Shoulder strapProtective cover | Black polyester
For CAP4120 & CAP4150 series

PRO02386

PRO01055

PRINTERS



Thermal printer | Wireless BT Battery and charger

RS232 connection CAP1000-IMPRS

Wireless Bluetooth connection CAP1000-IMPBT

MEASURING AND COMMUNICATION DEVICES



TACHOMETER THERMOMETER

Handheld digital revolution counter

Dual mode: battery and vibration

Oil temperature

Connected | S8533 software

Universal: suitable for all types of vehicles

LCD screen

RS232 connection	CAP8533-RS
Bluetooth connection	CAP8533-BT



DATA ENCODER

Communication ports : USB, RJ45, RS232

S1830 software | Linux OS

RS232 connection	CAP1830F-R
Bluetooth connection	CAP1830F-B















LIGHTING

INSPECTION & WORKSHOP EQUIPMENT

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HEADLIGHT TESTERS



CAP2100 MECHANICAL

Mechanical headlight tester

Wheel base

Laser positioning feature

1,8 m aluminium column

Fresnel lens | Counterweight

Lamps: halogen, xenon

CAP2100-W

TECHNICAL SPECIFICATIONS

Cut-off



CAP2300 ELECTRONIC PHOTODIODE

Photodiode headlight tester S2300 software

Wheel base

Mirror positioning feature | 1,8 m column

Multilanguage | LCD display

Connection: RS232 communication port

Counterweight | Fresnel lens

Lamps: halogen, LED, xenon

CAP2300EX-WR

TECHNICAL SPECIFICATIONS

Angle measurement

• Cut-off measurement : from +2% to -4%

Accuracy: +/- 0,2%

Intensity measurement

• Cut-off measurement : 0/125 kcd or 0/200 lux

· Accuracy: 10%

Lateral : yes / no



CAP2500 WIRELESS CONNECTED

Photodiode electronic headlight tester S2500 software

Laser | 1,8 m column | Wheel base

Multilanguage | LCD display

Alignment assistance | Accurate light sensor

Communication port: RS232 | Wireless BT module

Including battery and charger

Lamps: halogen, LED, xenon

	Wheel base	Rails base
Right drive	CAP2500EX-TDWB	CAP2500EX-TDRB
Left drive	CAP2500EX-TGWB	CAP2500EX-TGRB

TECHNICAL SPECIFICATIONS

Angle measurement

• Cut-off measurement : from +2% to -4%

Accuracy: +/- 0,2%

Intensity measurement

Cut-off measurement: 0/125 kcd or 0/200 lux
Accuracy: 10%

Lateral : yes / no







CAP2600 CONNECTED WITH CAMERA

Electronic headlight tester S2600 software CCD camera

Laser | 1,8 m column | Wheel base

Color touch screen | Easy alignment assistance

OS Linux | Multilingual

Long lasting battery and charger

Lamps: halogen, LED, xenon, Matrix

	Wheel base	Rails base
Wired	CAP2600EX-W	CAP2600EX-S
Wireless	CAP2600EX-WW	CAP2600EX-SW

TECHNICAL SPECIFICATIONS

Angle measurement

• Cut-off measurement : from +6% to -6%

Accuracy: +/- 0,2% Side deviation: -10/+10 % Yaw angle : -90/+90°

 Roll angle : -90/+90° Intensity measurement

• Cut-off measurement : 0/125 kcd or 0/200 lux

 Accuracy: 10% AFS adjustment



✔ Dual modes : Inspection & Workshops



CAP2600 PRINTER

Workshop electronic headlight tester Integrated printer CCD camera

Laser | 1,8 m column | Wheel base

Color touch screen

Easy alignment assistance

OS Linux | Multilingual

Long lasting battery and charger

Lamps: halogen, LED, xenon, Matrix

CAP2600AT-WIGA

TECHNICAL SPECIFICATIONS

Angle measurement

• Cut-off measurement : from +6% to -6%

Accuracy: +/- 0,2%Side deviation: -10/+10 %

• Yaw angle : -90/+90° • Roll angle : -90/+90°

Intensity measurement

• Cut-off measurement: 0/125 kcd or 0/200 lux

 Accuracy: 10% AFS adjustment



CAP2600 WORKSHOP EXPERT

Expert electronic headlight tester Pre-MOT diagnosis Integrated printer

Expert report

Multi zone operation. ANYWHERE uneven ground compensation system

S2600 Workshop software

AFS adjustment | Matrix calibration

Self commissioning

Lamps: halogen, LED, xenon, Matrix

CAP2600WS-WIGA

TECHNICAL SPECIFICATIONS

Angle measurement

• Cut-off measurement : from +6% to -6%

• Accuracy: +/- 0,2% • Side deviation: -10/+10 %

Yaw angle : -90/+90°Roll angle : -90/+90°

Intensity measurement

· Cut-off measurement: 0/125 kcd or 0/200 lux

· Accuracy: 10%

AFS adjustment



HEADLIGHT TESTERS



CAP2900 AUTOMATED

Electronic headlight tester CCd camera

Automated positioning and operation

Tilt compensation

1,7 m column | 5 positions LED head-up display

Color Touchscreen | OS Linux | S2900 software

Data exchange (ethernet)

Multilingual | Customized operation

2 IR barriers vehicle positioning

Wired power supply and communication (GIEGLAN)

4,5 m rails | Mouvement detection plate sensors

CAP2900EX-AF

TECHNICAL SPECIFICATIONS

Angle measurement

- Cut-off measurement : from +6% to -6%
- Accuracy: +/- 0,2%
- Side deviation: -10/+10 %
 Yaw angle: -90/+90°
 Roll angle: -90/+90°

Intensity measurement

Cut-off measurement : 0/125 kcd or 0/200 lux

• Accuracy: 10%

AFS adjustment

⊘ Dual modes : Inspection & Workshops



COMMON OPTIONS (EXCEPT CAP2900)

ERGONOMY



Set of metallic rail 1,5m length | Galvanised steel

CAP2500-OPTRAIL1.5

PRO03469



Protection cover Black fabric

PRO02294



Handle Metal

PRO02209



Brake set Foot blocking

PRO02860



Removable and adjustable mirror Column brackets

PRO02938

PRINTERS



Thermal printer | Wireless BTBattery and charger

RS232 connection

CAP1000-IMPRS

Wireless connection

CAP1000-IMPBT

CAP2600 OPTIONS

ADD-ON



Optional powerport and transmissionCoiled cable 5-8m long | RJ45 connection
220V power supply

PRO03113



Inclinometer module

Tilt compensation

SSE01009



Outdoor protection cover Black fabric | Protective window Adjustable

PRO03177



Anywhere modulePair | Laser pointer
Bluetooth communication Ground compensation

SSE01169









BRAKING

INSPECTION & WORKSHOP EQUIPMENT

EXTRA LARGE AND LIGHT VEHICLES TEST LANE	30
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LIGHT & EXTRA LARGE VEHICLES TEST LANE

- ✓ CAP9010 FOR LIGHT VEHICLES
- **✓** CAP9020 FOR EXTRA LARGE VEHICLES



BRAKE TESTER

Initial set:

Galvanised steel frame

Aluminium rollers | Epoxy

380V 3PH + N + EP power supply

3,7kW motor

Light vehicles initial set	CAP9010-BRA
Extra large vehicles initial set	CAP9020-BRA

BRAKE TECHNICAL SPECIFICATIONS

- · Roller speed: 5km/h
- Maximum Axle load : 4t
- Maximum load per wheel : 2t
- Maximum force :

CAP9010 3,7kW motor : 750 daN CAP9020 4kW motor : 900 daN

- Three phased power supply
- Path :

LV: 80-220cm LARGE LV: 80-280cm

BRAKE DIMENSIONS

- LV brake tester : 232 x 69 x 28cm
- LARGE LV brake tester : 292 x 69 x 28cm



SUSPENSION TESTER

Initial set:

Galvanised steel frame

380V 3PH + EP power supply

3kW motor

Light vehicles initial set	CAP9010-SUS
Extra large vehicles initial set	CAP9020-SUS

SUSPENSION TECHNICAL SPECIFICATIONS

- Maximum Axle load : 4t
- Maximum load per wheel : 2t
- Three phased power supply

SUSPENSION DIMENSIONS

- LV suspension tester : 232 x 43 x 28cm
- LARGE LV suspension tester : 292 x 43 x 28cm

⊘ EUSAMA and phase shift method



SIDE SLIP TESTER

Initial set:

Galvanised steel frame

Light vehicles initial set	CAP9010-SIS
Extra large vehicles initial set	CAP9020-SIS

SIDE SLIP TECHNICAL SPECIFICATIONS

- Maximum load per wheel: 2t
- Deflection : +/- 20m/km

SIDE SLIP DIMENSIONS

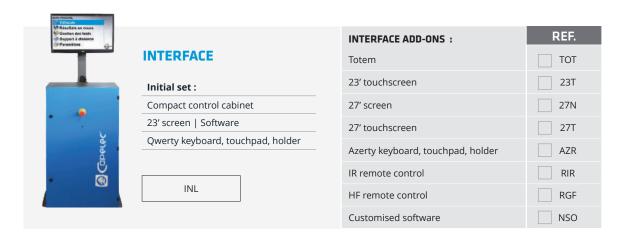
- LV side slip tester : 73 x 52 x 7cm
- LARGE LV side slip tester : 85 x 52 x 7cm

CAP9010 | CAP9210 ADD-ONS

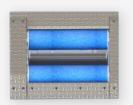
BRAKE TESTER ADD-ONS:	REF.
XS frame	XSF
Winter tires rollers	WTR
Soft starter	SST
Exit assistance	BLO
4WD mode	FWD
Pedometer	PED
Covering plates	COV
2 wheels brake tester adapter	TWB
Weighing sensor (if no suspension module)	WEI
230V 3PH + EP power supply (4kW motor only)	230
CIVIL ENGINEERING FRAME ADD-ONS:	
Actia civil engineering adapter (232 x 18 x 28cm)	CV1
MAHA civil engineering adapter (232 x 36 x 28cm)	CV2
SUSPENSION TESTER ADD-ONS:	REF.

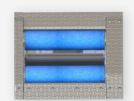
CAP9010 | CAP9210 INTERFACE

230V 3PH + EP power supply (3kW motor only)



HEAVY GOODS VEHICLES TEST LANE





HGV BRAKE TESTER

Initial set:

Galvanised steel frame

Steel rollers | Epoxy

230V or 400V 3PH + N + EP power supply

11kW motor | Twin-chain transmission

Soft starter

CAP9110-BRA

BRAKE TECHNICAL SPECIFICATIONS

- Roller speed: 2,5km/hMaximum load: 18t
- Maximum force: 40 000 daN
 Motor frequency: 50-60Hz
- Path: 800-2800mm

BRAKE DIMENSIONS

• 1350 x 800 x 570mm (x2)





HGV SUSPENSION TESTER FOR LV TEST LANE

Initial set:

Painted steel frame

230V or 400V 3PH + EP power supply

3kW motor

CAP9110-SUS

SUSPENSION TECHNICAL SPECIFICATIONS

- Axle in test weight (Max): 3tMax. load per axle: 13t
- · Three phased power supply
- Motor frequency : 50-60Hz

SUSPENSION DIMENSIONS

• 870 x 850 x 330mm (x2)





HGV SIDE SLIP TESTER

Initial set:

Painted steel frame

CAP9100EX-SS

SIDE SLIP TECHNICAL SPECIFICATIONS

- Maximum load per wheel: 18t
- Deflection: +/- 20m/km

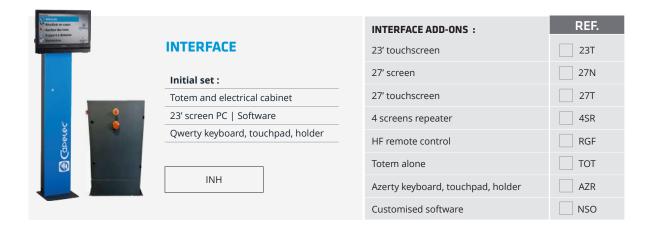
SIDE SLIP DIMENSIONS

• 1020 x 780 x 95mm

CAP9110 ADD-ONS

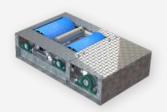
BRAKE TESTER ADD-ONS:	REF.
Exit assistance	BLO
230V 3PH + EP power supply (11kW motor only)	230V
15kW motor (motor brake, 400V 3PH + EP power supply only)	15K
4WD mode	FWD
Pedometer	PED
Covering plates	COV
Load simulator	LOS
Dual speed (2,5km/h 5km/h)	DSP
Pressure sensor	PRS
SAFETY ADD-ONS:	
Side barrier	SIB
Warning light for barrier	WLB
Self-closing gate	SCG
Safety set (required with options below)	SEC
Optical barrier for pit	ОРВ
Secure remote control with emergency stop	SRC
CIVIL ENGINEERING FRAME ADD-ONS:	
1 frame for civil engineering (without pit)	1FCV
2 frames for civil engineering (with pit)	2FCV
MAHA VTEQ civil engineering adapter	CV1
ACTIA civil engineering adapter	CV2
SUSPENSION TESTER ADD-ONS:	REF.
230V 3PH + EP power supply (3kW motor only)	230

CAP9110 INTERFACE



2, 3 AND 4 WHEELS BRAKE TESTERS

✓ CAP9410 FOR 2 WHEELERS



MOTORBIKES BRAKE TESTER

Initial set:

Galvanised steel frame

Aluminium rollers | Epoxy

380V 3PH + N + EP power supply

2,2kW motor

Exit assistance

Weighing sensor

CAP9410-BRA

BRAKE TECHNICAL SPECIFICATIONS

• Roller speed : 5km/h

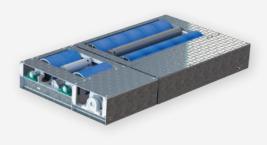
• Maximum load : 1t

Maximum force : 300 daN

BRAKE DIMENSIONS

• 102 x 62 x 26cm

✓ CAP9420 FOR 2, 3 WHEELERS



MOTORBIKES, TRICYCLES & QUADS BRAKE TESTER

Initial set:

Galvanised steel frame

Aluminium rollers | Epoxy

400V 3PH + N + EP power supply

2 x 2,2kW motor

Exit assistance

Weighing sensor

CAP9420-BRA

BRAKE TECHNICAL SPECIFICATIONS

• Roller speed : 5km/h

· Max. load per axle: 2t

• Maximum force : 300 daN per wheel

BRAKE DIMENSIONS

• 2 wheels module : 102 x 62 x 26cm

• 3 wheels module: 102 x 126 x 26cm

✓ CAP9430 FOR 2, 3, 4 WHEELERS



MOTORBIKES, TRICYCLES, QUADS & LIGHT VEHICLES BRAKE TESTER

Initial set:

Galvanised steel frame

Aluminium rollers | Epoxy

400V 3PH + N + EP power supply

2 x 2,2kW motor

Exit assistance

Weighing sensor

CAP9430-BRA

BRAKE TECHNICAL SPECIFICATIONS

Roller speed: 5km/h

• Max. load per axle : 2t

Maximum force : 300 daN per wheel

BRAKE DIMENSIONS

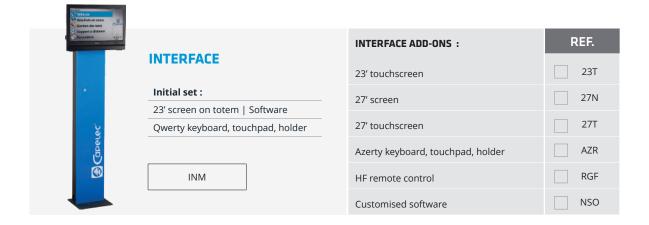
+ 3 wheels module : 102 x 126 x 26cm (x2)



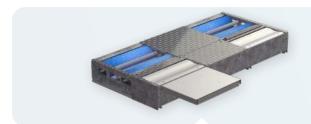
CAP9410 | CAP9420 | CAP9430 ADD-ONS

BRAKE TESTER ADD-ONS:	REF.
3,7kW motor for light vehicles	03K
230V 3PH + EP power supply	230V
Pedometer	PED
Manometer	MANO
Clamp and command	СС
SAFETY ADD-ONS:	
Side barrier	SIB
Warning light for barrier	WLB
Optical emergency stop for rollers	ORS

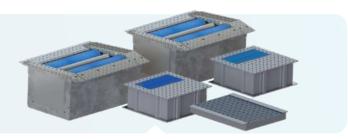
CAP9410 | CAP9420 | CAP9430 INTERFACE



TEST LANES COMBINATIONS

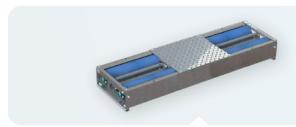


CAP9010 - CAP9020
BRAKE SUSPENSION SIDE SLIP TESTER
For light and extra large vehicles.

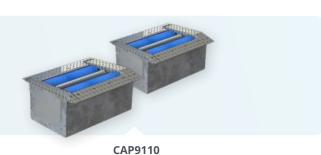


CAP9110

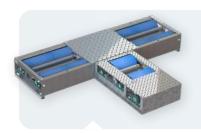
BRAKE SUSPENSION SIDE SLIP TESTER
For heavy goods vehicles.



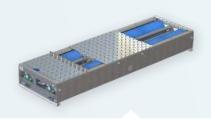
CAP9010 - CAP9020
BRAKE TESTER
For light and extra large vehicles.



BRAKE TESTER
For heavy goods vehicles.



CAPXXX BRAKE TESTERFor light vehicles, 2 and 3 wheelers.



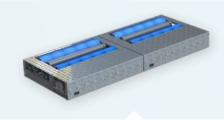
CAPXXX BRAKE TESTER WITH PLATESFor light vehicles and 2 wheelers.



BRAKE TESTER WITH PLATES
For heavy goods vehicles and 2
wheelers.



CAP9420 BRAKE TESTERFor motorcycles, tricycles and quads.



CAP9430 BRAKE TESTERFor motorcycles, tricycles, quads and light Vehicles.

VEHICLE CATEGORIES L1e L2e L3e L4e L5e L6e L7e HGV **②** CAP010 CAP9020 0 0 0 CAPxxx CAP9110 **②** CAPxxx 0 0 0 CAPxxx 0 \odot CAP9410 **②** \odot 0 0 CAP9xxx \odot \odot 0 \odot \odot CAP9420 0 **②** \odot \odot \odot 0

CAP9430

LV & LV+ OPTIONS



Pedometer Foot-pedal sensor Wireless BT connection CAP90x0 brake testers series

CAP9520



Recessed free rollers set 4 units | Protective cover Set of 8 rollers Flush mounted

CAP9000-RFE



HF remote control

USB | HF receiver Compatible with software for CAP9000 & CAP9600 series

CAP1000-RCHF-USB



Free rollers set 2 sets of 5 rollers Transport handle | Aluminium frame

CAP9000-RF



IR remote control USB | infrared receiver Compatible with software for CAP9000 & CAP9600 series

CAP1000-RCIR-USB

HGV OPTIONS



Free rollers

2 sets of 3 rollers Maximum load: 16 t Protective cover

CAP9682



Cover plate Set of 4

Steel





PC keyboard support

PRO03029



Remote control with emergency stop

Charging base Secure 433-434 MHz transmission 64 channels

CAP91XX-SAU



Load simulator

CAP9110-SIM



Wall mount for screen

Max. load 25kg

PRO04176



Repeater Totem Column + 27" screen Height 1.80m

CAP91XX-OTRL



Column for repeater screen Column only

Height 2.40m For 22"-27" screen

PRO04288

INTERFACE OPTIONS



Printer and storage cabinet A4 laser printer | USB port

SSE01220



Printer Inkjet printer | A4 size

PRO03790



Repeater screen Extra 22" display screen

CAP00941



Storage cabinet A4 printer cabinet | 2 shelves Size 500 x 500 x 920

PRO04008



PC acreen protective cover Polyester fabrics | Black

PRO02686

PLAY DETECTORS

✓ CAP9200-LEH FOR LIGHT VEHICLES



LV PLAY DETECTOR

Electro-hydraulic operation

Maximum axle load/wheel load: 3 tons / 1,5 tons

Maximum working pressure: 175 bar

Longitudinal/transversal force: 8 kN

Longitudinal/transversal movement: 50 mm

Remote control





Play detector (400V Tri)	CAP9200-LEH		
Play detector (230V Tri)	CAP9201-LEH		
Set of hoses	PRO03504		
Frame	PRO02799		

TECHNICAL SPECIFICATIONS

- · Movement speed: 60 mm/sec
- Cable length: 6,5 m
- Dimensions platform SM: 740 x 580 x 60 mm
- Dimensions platform FM: 690 x 700 x 60 mm
 Motor: 1,5 kW, 3PH+N+E 400V / 50Hz / 16A slow

✓ CAP9210-PEH HEAVY GOODS VEHICLES



Play detector (400V Tri)	CAP9210	
Play detector (230V Tri)	CAP9211	
Set of hoses	PRO04395	
Creation rame	PRO04371	
Adapter frame for MAHA	PROxxx	
Adapter frame for Actia	PROxxx	

TECHNICAL SPECIFICATIONS

- Plate dimensions : 800 x 690 mm
- Frame dimensions : 212 x 550 x 600 mm
- Force per plate: 30 KN
 Movements: Longitudinal | Transversal | Diagonal
- Cylinder stroke : 100 mm
- Displacement speed : 70 mm/second
- Motor: 4 kW, 3 phases +N +Earth 400v/50hz
- Coating : Hot dipped galvanized steel

DECELEROMETER



CAP9500



Brake force tester	
RS232 and wireless norts LLCD scre	en

PC report

S9500 software

Complete set:

Suction pad

PC report

Protective storage case

Wires

Module	CAP9500EX-E
Complete set	CAP9500EX-B

TECHNICAL SPECIFICATIONS

- 3D sensor LCD screen S9500 software

COMMUNICATION



Thermal printer | Wireless BTBattery and charger

CAP1000-IMPRS RS232 connection

Wireless Bluetooth connection

CAP1000-IMPBT

ERGONOMY



Manometer Hand pressure gauge

CAP9500A-CFM



Bus door pressure Bus door pressure gauge

CAP9500A-CFPA



Pedometer Foot-pedal peasure gauge

CAP9500A-CFP



Universal crowbar Motorbike Fitting for handlebars

SSE01044







OTHER TESTERS

PINCH FORCE TESTER	44
TINT GLASS METER	44
TAXIMETER TEST BENCH	44
SONOMETER	45

OTHER TESTERS



PINCH DOOR FORCE TESTER

CAP9550 series

Measurement of doors and gates closing force

Precision measurements

Single operation button box | LCD display

Arm simulator | Carrying case

Bluetooth connexion | data transmission

Powered : sector and battery

CAP1000 portable printers (optional)

Calibration certificate

CAP9550



TINT GLASS METER

CAP5600 series

Measurement of the tint of the glass

Light transmittance and light reflectance tester

Long lasting battery | Suction pad

LCD display | Case

CAP5600



TAXIMETER TEST BENCH

CAP9650 series

Inspection of taximeters

Light vehicle compatibility

Easy access rollers | S9650 software

12 rolls mechanism

Light operation indicator

Metallic frame | Tablet | Wireless controler

Compatible with ESP, ASR, VSA, VSC, ESC systems

CAP9650-CTL















INSPECTION LINES

FULL TEST LANES 48 MOBILE TEST LANES 49

FULL TEST LANES

Complete inspection solution Data centralization Simplified implementation and upgrade

✓ CAP20000 FOR LIGHT VEHICLES, HEAVY GOODS VEHICLES AND 2 WHEELERS



EQUIPMENT	2 WHEELER	EV IV	HGV
Emission testing	2 WIILLER	LV	1100
Gas analyser	*	~	
Smokemeter		~	✓
Particle counter	~	~	✓
EOBD scantool	✓	~	✓
Tachometer	~	~	~
Headlight tester Brake testers	~	~	*
Brake tester	*	*	✓
Suspension tester		✓	✓ *
Side slip tester		~	
Play detectors		*	✓
Decelerometer	~	✓	~
Other testers			
Taximeter test bench		~	
Sonometer	✓	✓	✓

CAP20000

^{*} Mixed test lane

MOBILE TEST LANES

Fast implementation Easy road side operation

✓ CAP CHRONO 10410 FOR LIGHT VEHICLES



FULLY TRANSPORTABLE LV BRAKE TESTER

Platform:

ISO 20' container

Weight 5000 kg | 10' rollout | Power supply 400V

4 ramps : 2 x 0,6 m | 2 axles

Ball trailer head (matching LVU)

Power generator 11 kVA + cable

Galvanized structure

Test lane:

 $4\ m^2$ office with air conditioning A/C

Desk with PC and laser printer

PTI / MOT software management

Roller brake tester & suspension tester

Side slip tester & play detector (optional)

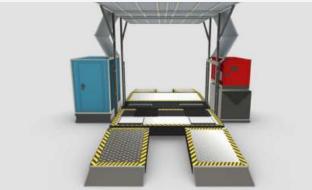
Petrol & diesel emission testers

Headlight tester

CAP CHRONO 10410

✓ CAP CHRONO 10510 FOR HEAVY GOODS VEHICLES





FULLY TRANSPORTABLE HGV BRAKE TESTER

Platform:

ISO 20' container

Weight 6000 kg | 10' rollout

12 m semitrailer (king pin) | 3 axels

4 hydraulic supports | Power generator 25 kVA

Inspection area: 4 x 8 x 5 m

Galvanized structure

Test lane :

5 $\,\mathrm{m^2}$ office with air conditioning A/C

Desk with PC and laser printer

PTI / MOT software management

Roller brake tester & suspension tester

Side slip tester & play detector (optional)

Petrol & diesel emission testers

Headlight tester

CAP CHRONO 10510





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General Terms Conditions of Sale

Prices

- All prices are net in EUR. The prices applied are those published in the International Price List valid on the date of invoicing. Prices are exclusive of any applicable sales tax, value added tax or assimilated taxes, fees, import duties or other duties, insurance, transport and handling charges.

Payment

- Payment terms shall be discussed between CAPELEC. and its customer at the moment of the offer writing. Invoices not paid within the due date shall thereafter bear overdue charges at the rate of 2% per month on the unpaid balance until paid in full. If in CAPELEC's opinion the purchaser's financial situation does not justify performance, production or shipment on the terms of payment specified, CAPELEC. may require full or partial payment in advance before shipment. CAPELEC may discontinue or delay continuance of performance or production if the purchaser fails to pay any moneys due. - If an unpaid amount is deemed uncollectable and transferred to a third party for the purpose of collection, any fees incurred are the responsibility of the purchaser and must be paid in full to CAPELEC or its assigned agent.
- The amount of any present or future taxes applicable to the sale of products or services shall be added to the price and be paid by the purchaser unless the purchaser provides CAPELEC with a valid exemption certificate acceptable to CAPELEC and the appropriate tax authority.

Title to Goods and Risk of Loss

- All prices are ex works (EXW Montpellier, France; ICC INCOTERM 2000) unless otherwise agreed in writing. Title and risk of loss for all products shall pass to the purchaser upon delivery by CAPELEC to a freight forwarder or purchaser's designate, regardless of shipping terms, method of payment or transport cost.

Transit Damage Claims

- Ex works is our term of sale. Therefore, once the goods have been loaded for shipping, they become the responsibility of the purchaser.
- It is the responsibility of the purchaser to receive the entire shipment as tende-

- red and file a claim with the carrier if the shipment or any part thereof is missing or damaged upon delivery. If there is any loss or damage at the time of delivery, it is essential to make the appropriate statement on the delivery receipt.
- Prompt inspection is of essence. Any concealed damage should be reported to the delivering carrier within 15 days of receipt of the shipment. Prompt filing of the claim with all necessary documents is required for fast settlement. All claims must be accompanied by the following documents:
- Original paid freight bill Certified copy of original bill of lading - Duplicate of invoice covering shipment - Duplicate of destination inspection report — Duplicate of delivery receipt noting shortage or damage.

Acceptance

 Goods and services offered or quoted for are subject to availability. Orders are subject to acceptance by CAPELEC.

Cancellation

- Modifications and add-ons to orders can only be accepted within the next working day after the original time of order placement. Thereafter add-ons will be considered as new orders. Orders cannot be cancelled by the purchaser except upon terms that will fully compensate CAPELEC against loss or by CAPELEC's prior written agreement.

Returns

- Any products sold by CAPELEC may be returned only in accordance with the warranty provisions applicable to the product concerned. Before returning any product for whatever reason, the purchaser must obtain CAPELEC's prior written approval and instructions. Return and external fees are at the purchaser's expenses.

Force Majeure

- CAPELEC shall not be liable for any loss, damage, delay, changes in shipment schedules or failure to deliver caused by accident, fire, earthquake, flood, meteorological exigency, animal or human disease, strike, lock-out, labour disputes, industrial action, riot, hooliganism, civil commotion, insurrection, revolution, terrorist acts, war whether declared or not, the elements, natural catastrophe, boycott, embargo, mutiny, failure of carriers, unavailability of transport facilities, exchange rates, fuel prices, power failures, government requi-

rements or prohibitions, import or export restrictions, law enforcement, computer virus, software failure, acts of God or public enemy, prior orders from customers or limitations of CAPELEC, its suppliers' or its subcontractors' production, marketing activities or services, or any other causes or contingencies beyond CAPELEC's control. CAPELEC shall in no event be liable for direct, indirect, ordinary or extraordinary, special, incidental damages or consequential loss including without limitation lost profits or loss of use or production or capital, whether based on contract, tort or any other legal theory.

Liability

- CAPELEC shall in no event be liable for direct, indirect, ordinary or extraordinary, special, incidental damages or consequential loss including without limitation lost profits or loss of use or production or capital, whether based on contract, tort or any other legal theory. The remedies of the purchaser set forth herein are exclusive and the liability of CAPELEC with respect to any contract, or anything done in connection therewith such as the performance of breach hereof, or from the manufacture, sale, delivery, resale, installation or use of any products whether arising out to contract, negligence, strict tort, or under any warranty or otherwise, shall not exceed the purchase price of the products upon which liability is based.

Severability

- Each portion and provision of the present terms is severable and if any provision is held invalid or unenforceable the remainder shall nevertheless remain valid and in full force and effect.

Unique ecosystem identifier

The key identifier FR002721_05KUZN attesting to the registration in EEE sector producers, in application of article L.541-10-13 of the Environment Code, has been attributed by ADEME to CAPELEC (381 622 976 00037). This identifier attests to its compliance with its obligation to record in the register of Electrical and Electronic Equipment producers and the completion of its marketing declarations to ecosystem.

Jurisdiction

- All sales, agreements and contracts shall be governed by and construed in accordance with the laws of France.









