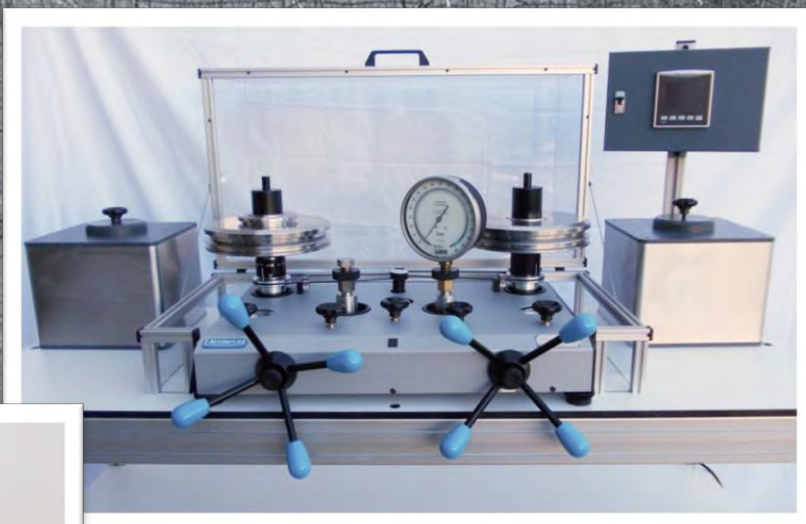


Catalog Pressure AREMECA



address : Zi sud rue Marc Seguin - 41100 VENDOME

Phone Number : +33(0)2.54.80.79.30 - Fax : +33(0)2.54.80.79.31

Web site : www.aremeca-instrumentation.fr et www.aremeca.fr

n°TVA intracom : FR 19 349 237 412 - Siret n° : 349 237 412 00029 - Code APE : 2573A

Manufacturer : AREMECA - ZI Sud Rue Marc Seguin - 41100 VENDOME

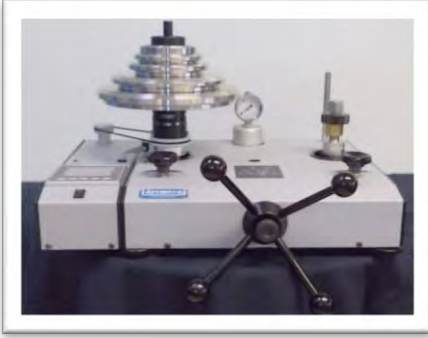
Sales Manager : Mrs REGAL ou Technical Manager : Mr MOUTARDIER

Phone : +33 (0)2.54.80.79.30 - Fax : +33 (0)2.54.80.79.31 - mail : aremeca@wanadoo.fr - Web : www.aremeca-instrumentation.com ou www.aremeca.fr

Range of Dead Weight tester

The dead weight are designed to test, adjust and calibrate measuring instruments pressure compared with a set of weights.

Models : BH4 or BA4



(modèle présenté BA4-200B)

Dynamic visualization of the position of the piston
Automatic display of the generated pressure
Connection for the transfer of data
total traceability
stainless weight, piston tungsten/steel

Automatic Dead weight accuracy class 0.001% rd

- ✓ models with Oil BH4 sp*
 - BH4-30B (EM 0.1 ->30 bar)
 - BH4-60B (EM 0.2 ->60 bar)
 - BH4-120B (EM 0.5 ->120 bar)
 - BH4-300B sp (EM 1 ->300 bar)
 - BH4-600B sp (EM 2 ->600 bar)
 - BH4-1200B sp (EM 2 ->1200 bar)
 - BH4-2000B (EM 40 ->2000 bar)
 - BH4-2500B (EM 40 ->2500 bar)
 - BH4-3000B (EM 40 ->3000 bar)
 - BH4-4000B (EM 40 ->4000 bar)
 - BH4-5000B (EM 40 ->5000 bar)
- ✓ models with Oil BH4 dp**
- ✓ models with Air BA4
 - BA4-60B (EM 0.5 ->60 bar)
 - BA4-120B (EM 1 ->120 bar)
 - BA4-200B (EM 2.5 ->200 bar)

*sp : Simple piston **dp : dual piston

Very high performance integrating a calculator : with dynamic visualization of the position of the piston, with automatic display of the pressure generated by the dead weight according to the temperature, to the atmospheric pressure and to the hygrometry, with a connection for the transfer of the data on computer allowing a total traceability. This product is the essential tool for the calibration of high precision.

Models : BH3 or BA3



(modèle présenté BH3-300B)

Stable and reliable thanks to the motorization
very mobile - range high pressure
stainless weight, piston tungsten/steel

High performance Dead weight accuracy class 0.01% rd

- ✓ models with Oil BH3 sp*
 - BH3-30B (EM 0.1 ->30 bar)
 - BH3-60B (EM 0.2 ->60 bar)
 - BH3-150B (EM 0.5 ->150 bar)
 - BH3-300B sp (EM 1 ->300 bar)
 - BH3-600B sp (EM 2 ->600 bar)
 - BH3-1200B sp (EM 2 ->1200 bar)
 - BH3-2000B (EM 40 ->2000 bar)
 - BH3-2500B (EM 40 ->2500 bar)
 - BH3-3000B (EM 40 ->3000 bar)
 - BH3-4000B (EM 40 ->4000 bar)
 - BH3-5000B (EM 40 ->5000 bar)
- ✓ models with Oil BH3 dp**
 - BH3-300B dp (EM 1 ->300 bar)
 - BH3-600B dp (EM 1 ->600 bar)
 - BH3-1200B dp (EM 1 ->1200 bar)
- ✓ models with Air BA3
 - BA3-10B (EM 0.15 ->10 bar)
 - BA3-60B (EM 0.5 ->60 bar)
 - BA3-120B (EM 1 ->120 bar)
 - BA3-200B (EM 2.5 ->200 bar)

High performance, easy of use, strong design, they offer wide possibilities of application. Used for the regular or intensive calibration. The range BH3 or BA3 integrates the motorization pulling the weight in rotation with visualization of the position of piston by indicator lights.

[BH3/BA3 with motorization et visualization](#)

Models : BH2 or BA2



(modèle présenté BH2-150B)

Noted : motorization/visualization optional on
BH2-30B to BH2-5000B and BA2-10B to BA2-200B

- ✓ models with Oil BH2 sp*
 - BH2-30B (EM 0.1 ->30 bar)
 - BH2-60B (EM 0.2 ->60 bar)
 - BH2-150B (EM 0.5 ->150 bar)
 - BH2-300B sp (EM 1 ->300 bar)
 - BH2-600B sp (EM 2 ->600 bar)
 - BH2-1200B sp (EM 2 ->1200 bar)
 - BH2-2000B (EM 40 ->2000 bar)
 - BH2-2500B (EM 40 ->2500 bar)
 - BH2-3000B (EM 40 ->3000 bar)
 - BH2-4000B (EM 40 ->4000 bar)
 - BH2-5000B (EM 40 ->5000 bar)
- ✓ models with Oil BH2 dp**
 - BH2-300B dp (EM 1 ->300 bar)
 - BH2-600B dp (EM 1 ->600 bar)
 - BH2-1200B dp (EM 1 ->1200 bar)
- ✓ models with Air BA2
 - BA2-1B (EM 15 ->1000 mbar)
 - BA2-1VB (EM -15 ->-900 mbar)
 - BA2-10B (EM 0.15 ->10 bar)
 - BA2-60B (EM 0.5 ->60 bar)
 - BA2-120B (EM 1 ->120 bar)
 - BA2-200B (EM 2.5 ->200 bar)

High performance, easy of use, strong design, they offer wide possibilities of application. Used for the regular or intensive calibration. The range BH2 or BA2 doesn't integrate the motorization and the visualization

[BH2/BA2 without motorization et visualization](#)

*sp : Simple piston **dp : dual piston

Models : BH1 or BA1



(modèle présenté BH1-60B)

weight and piston steel

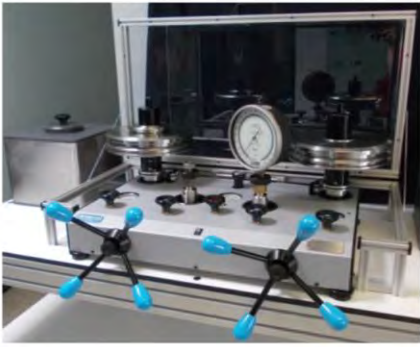
Standards Dead weight accuracy class 0.1% rd

- ✓ models with Oil BH1
 - BH1-30B (EM 0.5 ->30 bar)
 - BH1-60B (EM 0.5 ->60 bar)
 - BH1-120B (EM 0.5 ->120 bar)
 - BH1-300B (EM 5 ->300 bar)
 - BH1-600B (EM 5 ->600 bar)
 - BH1-1200B (EM 5 ->1200 bar)
- ✓ models with Air BA1
 - BA1-1B (EM 15 ->1000 mbar)
 - BA1-1VB (EM -15 ->-900 mbar)
 - BA1-7B (EM 0.15 ->7 bar)
 - BA1-30B (EM 0.5 ->30 bar)
 - BA1-60B (EM 0.5 ->60 bar)
 - BA1-120B (EM 0.5 ->120 bar)

Simple piston only

Standard dead weight, these devices allow simple and reliable calibration. For the punctual calibration

Types (Models) : BDH3 or BDA3
Design workstation



(modèle présenté BDA3-200B)

Visualization dynamics of the piston position
Motorization, stainless weights, steel piston

Differential Dead weight

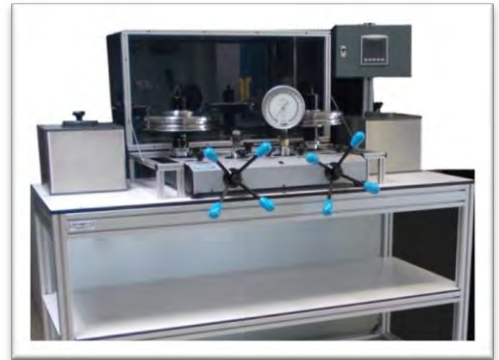
Differential dead weight are the reference instruments in the measurement of the pressures their accuracy and long term stability. Manufactured with high quality materials, these devices are highly accurate.

A BENEFIT OF A QUALITY !

We can demand offer a very wide range and design the entire desktop according to your specifications.

✓ with OIL
Consult us !

✓ with AIR
Consult us !



Types (Models) : BB2



(modèle présenté BB2-4B)

Ceramic ball
Stainless weights

Ball Dead weight accuracy 10^{-4}

- ✓ with AIR
- BB2-4B (EM 0.05 ->4 bar)
- BB2-7B (EM 0.05 ->7 bar)

The ball dead weight is an ideal model to test the low pressure precision devices such gauges, pressure sensors, transmitters etc ..

It is provided with a flow regulator and connects quickly. Very easy to use, the balance and weight of game are integrated into a briefcase for travel on site.

Service all marks contact us

> + AREMECA

- Commercial and technical monitoring available and responsive,
- A wide range of devices and high-quality accessories,
- Possibility of a complete service offer: Installation, Commissioning etc ..
- Simple tariff includes: your device, its weight set and piston / cylinder

But also, benefits without extra ! :

- Your Balance designed according to standard gravity ($g = 9.80665 \text{ m / s}^2$) or your choice (specify when ordering).
- The ability to choose the unit of your standard set of weights (Bar, PSI, Kg / cm^2).

Range of comparator

Comparator of benches of comparison are intended for the calibration compared with a standard of manometers, sensors or transmitters of pressure and pressostats. Simple and fast of implementation. Ergonomic and strong conception.

Models : CH2 / CO / CA2



very high pressure
any fluids

Hi-tech Comparator

- ✓ models with Oil CH2
CH2-125B (EM 0 ->125 bar)
CH2-1250B (EM 0 ->1250 bar)
CH2-2000B (EM 0 ->2000 bar)
CH2-4000B (EM 0 ->4000 bar)
CH2-7000B (EM 0 ->7000 bar)
- ✓ models with Water CO
CO-800B (EM 0 ->800 bar)
CO-1000B (EM 0 ->1000 bar)
- ✓ models with Air CA2
CA2-200B (EM 0 ->200 bar)

Models : CH1 / CA1

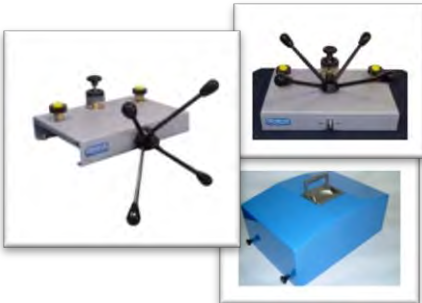


big capacity

Standards Comparator

- ✓ models with Oil CH1
CH1-125B (EM 0 ->125 bar)
CH1-1250B (EM 0 ->1250 bar)
- ✓ models with Air CA1
CA1-200B (EM 0 ->200 bar)

Models : CEH / CEO



simple and strong product

Economics Comparators

- ✓ models with Oil CEH
CEH-800B (EM 0 ->800 bar)
CEH-1250B (EM 0 ->1250 bar)
- ✓ models with Water CEO
CEO-700B (EM 0 ->700 bar)

Models : CAA / CAO / CAH



handy and easy has to transport

Portable Comparator

- ✓ models with Oil CAH
CAH-1000B to come
- ✓ models with Water CAO
CAO-600B to come
- ✓ models with Air CAA
CAA-20B (EM -0.9 ->20 bar)
CAA - 200B to come

SAV any brands to consult us

(Technical Information: for any other fluid to consult us - data sheets available on the request)



Pressure Gauge models ADT 681

✓ ADT681 : precision 0.05% of EM - Temperature -10 to 50°C - dimension 110mm*85mm - connection M20*1.5 male

Ref. ADT681-1B : EM : 0 to 1 bar	Ref. ADT681-140B : EM : 0 to 140 bar
Ref. ADT681-7B : EM : 0 to 7 bar	Ref. ADT681-200B : EM : 0 to 200 bar
Ref. ADT681-20B : EM : 0 to 20 bar	Ref. ADT681-700B : EM : 0 to 700 bar
Ref. ADT681-70B : EM : 0 to 70 bar	

✓ ADT681b : precision 0.025% of EM - Temperature -10 to 50°C - dimension 110mm*85mm - connection M20*1.5 male

Ref. ADT681b-1B : EM : 0 to 1 bar	Ref. ADT681b-140B : EM : 0 to 140 bar
Ref. ADT681b-7B : EM : 0 to 7 bar	Ref. ADT681b-200B : EM : 0 to 200 bar
Ref. ADT681b-20B : EM : 0 to 20 bar	Ref. ADT681b-700B : EM : 0 to 700 bar
Ref. ADT681b-70B : EM : 0 to 70 bar	



Pressure gauge models ADT 672

✓ ADT672 : precision 0.05% of EM - Temperature -10 to 50°C - dimension 120mm*46mm - connection M20*1.5 male

Ref. ADT672-1B : EM : 0 to 1 bar	Ref. ADT672-700B : EM : 0 to 700 bar
Ref. ADT672-7B : EM : 0 to 7 bar	Ref. ADT672-1000B : EM : 0 to 1000 bar
Ref. ADT672-20B : EM : 0 to 20 bar	Ref. ADT672-1600B : EM : 0 to 1600 bar
Ref. ADT672-70B : EM : 0 to 70 bar	Ref. ADT672-2000B : EM : 0 to 2000 bar
Ref. ADT672-140B : EM : 0 to 140 bar	Ref. ADT672-2500B : EM : 0 to 2500 bar
Ref. ADT672-200B : EM : 0 to 200 bar	

✓ ADT672b : precision 0.025% of EM - Temperature -10 to 50°C - dimension 120mm*46mm - connection M20*1.5 male

Ref. ADT672b-1B : EM : 0 to 1 bar	Ref. ADT672b-140B : EM : 0 to 140 bar
Ref. ADT672b-7B : EM : 0 to 7 bar	Ref. ADT672b-200B : EM : 0 to 200 bar
Ref. ADT672b-20B : EM : 0 to 20 bar	Ref. ADT672b-700B : EM : 0 to 700 bar
Ref. ADT672b-70B : EM : 0 to 70 bar	



Pressure gauge models XP2i

✓ XP2i : precision 0 to 20% of EM $\pm 0.02\%$ of the full scale and 20% to 100% of EM $\pm 0.1\%$ of the value of reading - Temperature -10 to 50°C - dimension 115mm*36mm - connection M20*1.5 male

Ref. XP2i-1B : EM : 0 to 1 bar	Ref. XP2i-140B : EM : 0 to 140 bar
Ref. XP2i-2B : EM : 0 to 2 bar	Ref. XP2i-200B : EM : 0 to 200 bar
Ref. XP2i-7B : EM : 0 to 7 bar	Ref. XP2i-300B : EM : 0 to 300 bar
Ref. XP2i-20B : EM : 0 to 20 bar	Ref. XP2i-700B : EM : 0 to 700 bar
Ref. XP2i-30B : EM : 0 to 30 bar	
Ref. XP2i-70B : EM : 0 to 70 bar	



Pressure gauge models Barflex

✓ Barflex EA5 : precision 0.1% - Temperature -20 to 85°C - dimension 65mm*98mm*35mm - connection G1/2

Ref. BARFLEX-24B : EM : -1 to 24 bar	Ref. BARFLEX-600B : EM : 0 to 600 bar
Ref. BARFLEX-100B : EM : 0 to 100 bar	Ref. BARFLEX-1000B : EM : 0 to 1000 bar
Ref. BARFLEX-200B : EM : 0 to 200 bar	

For pressure gauge in PSI or other units, to consult us.



Cylindrical connectors

✓ ref OP0174 : suitcase with 5 metrics connectors
Contains : M10 x 100 ; M12 x 150 ; M16 x 150 ; M18 x 150 ; M20 x 150

✓ ref OP0171 : suitcase with 4 Gas cylindrical connectors
Contains : G1/8 ; G1/4 ; G3/8 ; G1/2

Conical connectors

✓ ref OP0172 : suitcase with 4 connectors NPT
Contains : 1/8 NPT ; 1/4 NPT ; 3/8 NPT ; 1/2 NPT

✓ ref OP0173 : suitcase with 4 connectors BSP-TR
Contains : 1/8 BSP-TR ; 1/4 BSP-TR ; 3/8 BSP-TR ; 1/2 BSP-TR



✓ ref OP0037 : suitcase with 17 connectors below :

- Cylindrical connectors : M10 x 100 ; M12 x 150 ; M16 x 150 ;
M18 x 150 ; M20 x 150 ; G1/8 ; G1/4 ; G3/8 ; G1/2

- Conical connectors : 1/8 NPT ; 1/4 NPT ; 3/8 NPT ; 1/2 NPT ; 1/8 BSP-TR ; 1/4
BSP-TR ; 3/8 BSP-TR ; 1/2 BSP-TR



✓ ref OP0057 : Accessories case

1 set of manometer unions : 1/2 and 1/4 gas ; 1/2 and 1/4 NPT

+ 90° elbow union

+1 flat spanner

+1 assembly for assembly / disassembly of needles

+1 hammer



✓ Connector individually

All standards connectors are available individually – Ability connectors specifics request, please contact us



PM-20B Hand pump 20 bar

Model : **PM-20B**

Hand pump (EM 0.85 ->20 bar / 0 ->290 PSI)

✓ **Description**

The hand pump PM-20B is a simple tool that allows fast and robust verification of your meter up to 20 bars

This assessor mounts quickly, it's broad base provides stability and comfort. Delivered in a hard suitcase you can carry anywhere.

The support can be only sold.

There are two models : 600 Bar (ref. OP0182) or 1250 Bar (ref.OP0180) - exit 1/8 gas conical.



OP0180
support <1250 bar



OP0182
support <600 bar



Ref. OP0158
Hand pump PM-700B



Model : **OP0158**

Hand pump (volume 327 cm³) until 700 bar

✓ **Description**

The hand pump OP0158 is an essential accessory to increase the volume of oil useful for calibration of your device. Design ultra lightweight and compact, with a reservoir filled nylon fiberglass and aluminum, this hand pump offers maximum resistance to corrosion and can contain a large oil capacity : 327 cm³. Maximum pressure 700 bars. It should be use with an comparator.

Practical and ergonomic, it requires a little effort of pumping under the lever providing less fatigue for the user.



Model : **OP0025**
drain kit

✓ **Description**

The drain kit is useful to draw deposits and contaminated oils in your tank. This hand pump can quickly and easily clean your device.



Model : **OP0062**
Cleaning bench

✓ **Description**

This bench as been designed to prepare the instruments to be calibrated (cleaning, filling) before installation on calibration bench. The use of this bench will reduce significantly the risk of contamination of pressure generators and dead weigh testers. This preparation bench is not suitable for any vacuum instruments.







Model : **OP0023**
Fluid separator

✓ **Description**

All fluid separator several advantages : insulated your device to be calibrated and so not to contaminate your bench – prevents emptying and cleaning of your device to calibrate if using another fluid than your bench – use up to 800 bars

✓ **Tableau des compatibilités**

Model to use	Some examples of fluids
<p>Membrane Viton (Inclusive with separator)</p>	<p>  Oils Alcohols Fuels Lubricants Fuels Synthetic hydraulic fluid Minreal Acids Aliphatic or aromatic Hydrocarbons  Esthers Ethers of low molecular weights Cétones Amines Acids fluorydric, chlorosulfonic ou nitric concentrated and hot </p>
<p>membrane Butyl (in option)</p>	<p>  Minerals concentrated acids (fluororydric, chlorydric, sulfuric, nitric, phosphoric) as well as in theri salts Organic Acids (acetic, lactic..) Ammonia water and concentrated alkalis Oils and vegetable or animal fats Halogenic or nitrated by products Cétones, alcohols and esters Skydrol brake fluid and Girling 6293  Hydrocarbons (oil, fats) Aliphatic, aromatic or chlorinated solvents </p>

Note : in case of doubt consult us for the check of the compatibility of your fluid



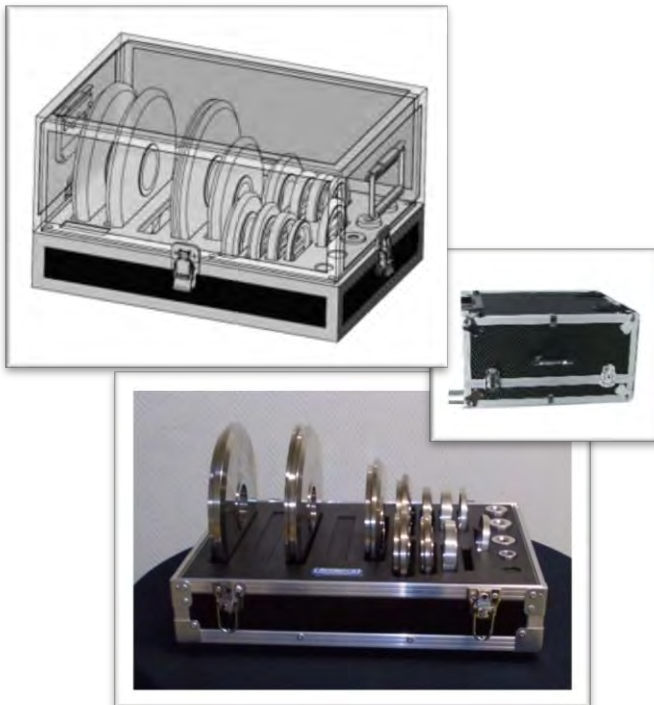
Modèle (Model) : **OP0101**

Boite métal de transport masses

✓ **Descriptif**

Cette boîte métal permet de transporter facilement votre jeu de poids. Encombrement réduit, design sobre, ce rangement est tout à fait adapté pour ranger et protéger vos masses.

This box metal allows to transport easily your set of weigh. Dimensions reduce, sober design, this arrangement is completely adapted to tidy up and protect your masses.



Modèle (Model) : **OP0099 et OP0095**

Mallettes aménagement jeu de poids

✓ **Descriptif**

Ces valises de finitions modernes et robustes ont été conçues pour optimiser votre confort d'utilisation.

En effet, elles servent d'une part à transporter en toute sécurité votre jeux de poids, qui se trouve rangé verticalement, isolant chaque masse évitant ainsi tout frottement ou rayure lors du transport.

Mais le véritable point fort se trouve au niveau du fond de la valise, car il permet à l'utilisateur de placer le jeux de poids à hauteur adéquate et d'aménager très rapidement son poste de travail. Cette ergonomie de poste : facilite l'accès et la prise des masses, limite leur manutention, permet un contrôle visuel des masses.

These suitcases of modern and strong finishes were designed to optimize your user-friendliness.

Indeed, they serve on one hand to transport in complete safety your weighty, which is orderly vertically, isolating every weight so avoiding any friction or stripe during the shipping.

But the real key point is at the level of the bottom of the suitcase, because he allows the user to place set of weight at adequate height and to fit out very quickly his workstation. This ergonomics of post : facilitate the access and the grip of the masses, limits their handling, allows a visual control of the masses.



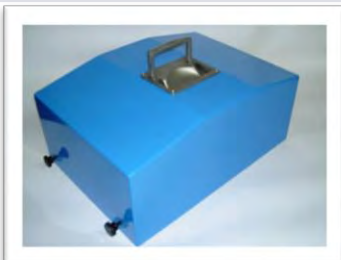
Modèle (Model) : **OP0002**

Valise de transport à roulette pour balances manométriques ou compresseurs

✓ **Descriptif**

Idéal pour transporter votre balance ou compresseur en toute sécurité.

Ideal to transport your dead weight or comparator in complete safety



Modèle (Model) : **OP0029**

Capot de transport compresseurs eco type CEH ou CEO

✓ **Descriptif**

Idéal pour transporter votre compresseur en toute sécurité.

Ideal to transport your comparator in complete safety

SAV any brands

(Budenberg, Desgranges et Huot, Bourdon..)

Certificate COFRAC ou DAkKS

to consult us !!

Sales & Marketing Manager : Delphine REGAL

Mail : d.regal@aremeca.fr

Technical Manager : Frédéric MOUTARDIER

Mail : f.moutardier@aremeca.fr