Vizor 3000 Professional, Plus, Standard

International Welding Accessories

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Clear view for an excellent Welding job

Vizor 3000 Professional

Vizor 3000 Plus

Vizor 3000 Standard

Welding helmet features

- **Auto darkening filter (ADF)**
  Maintenance-free, solar powered LCD-Technology with the possibility of exchanging batteries (Vizor 3000)

- **High heat- and radiation protection**
  high-quality material, heat reflective colour and special shape of the helmet

- **Permanent UV-IR-radiation protection**
  integrated filter in the ADF

- **Optimized wearing comfort**
  ergonomically designed helmet with a comfort headband with many adjustment features

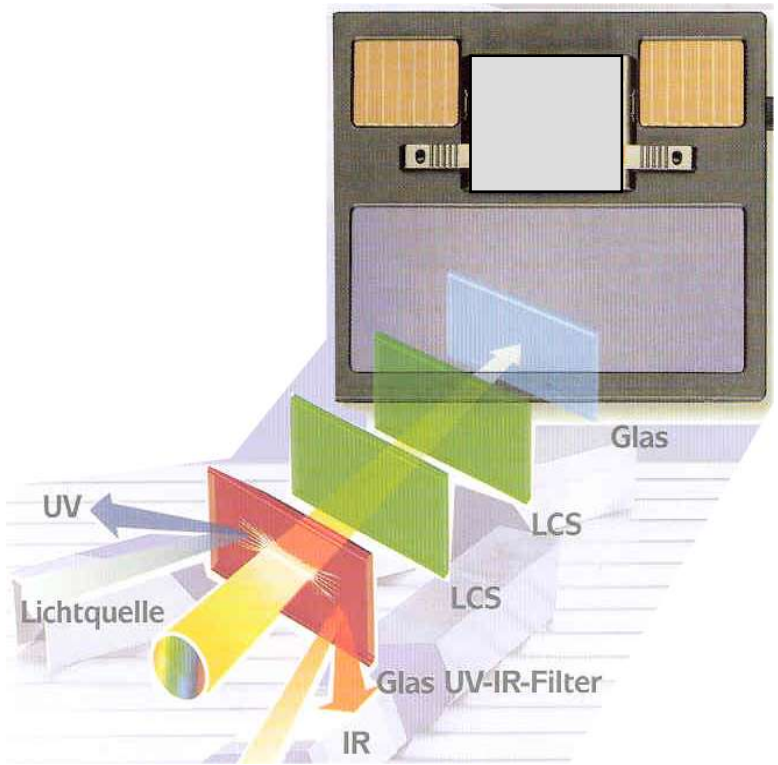
Additional advantages

- Sensor slide: Opening angle of the sensors 60° or 120°
- Extended lifetime of the front-cover lens (spherical) with a **seal** between lens and helmet (no entry of smoke and welding spatters, high impact rated)
- Position- and overhead Welding possible (no entry of smoke), Eccentric knob
- Maintenance free electronic, no on/off switch, sleep mode

Permanent Eye protection on account of UV-IR Filter

- During the Welding process dangerous Ultraviolett- und Infrarot- radiations will occur.

- The permanent UV/IR filter will reflect the dangerous UV/IR radiations – regardless of whether the welding helmets is in the dark or bright state.



Helmet shell

- **Protective helmet shape**
  Face, head and ears are protected due to the optimized shape

- **Contoured profile**
  The contoured profile helps channeling the fume

- **Heat reflective colour**
  The temperature inside the helmet is approx. 20 % lower than without treatment

- **Breathing area**
  Sufficient air is available on account of the helmet shape

Balance

- The FRONIUS Vizor 3000 Welding helmet is the best balanced product.
- The balance is more important than the total weight of a helmet.

Head band

- Easy to adjust with high comfort level
- Rigid construction allowing over head- and position Welding
- 3 position slide adjustment of the distance ADF to eyes (field of view)

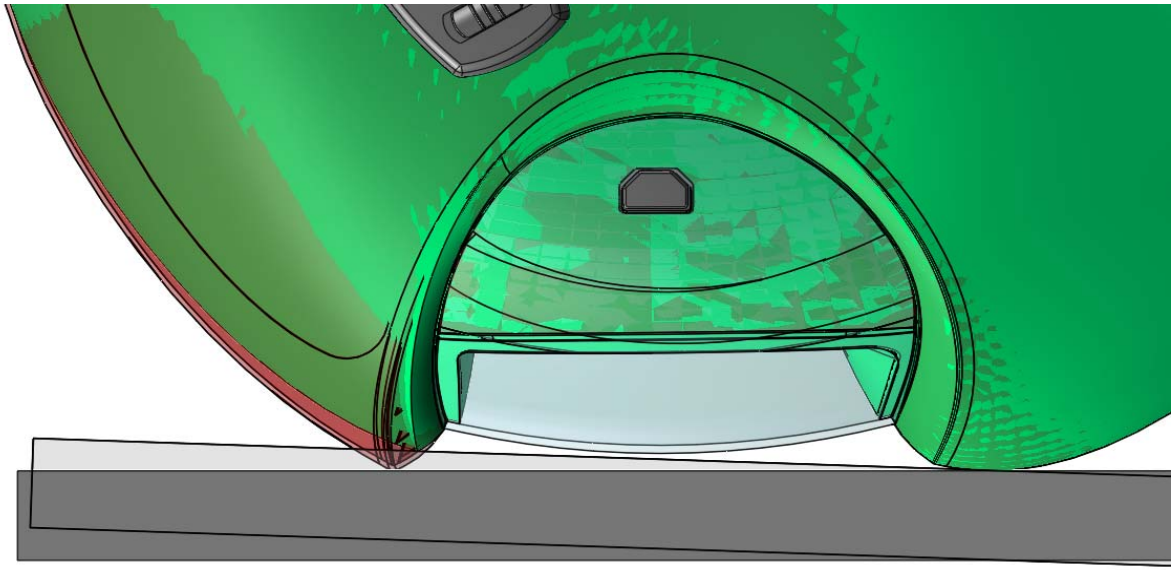
UPDATE Vizor 1000 → Vizor 3000

What's new?

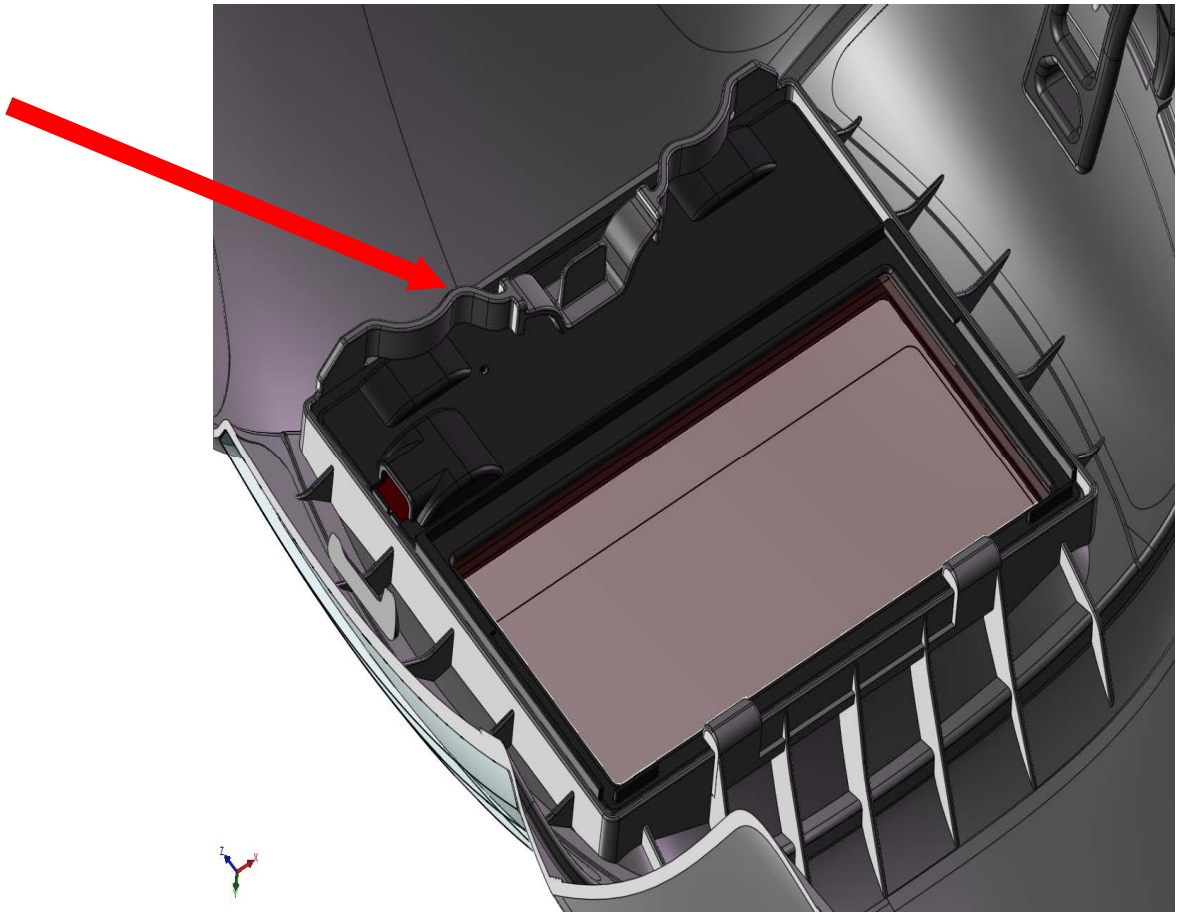
- 15% Weight reduction of the helmet shell
- Repositioned front cover lens
- New cartridge fixation
- 33% bigger LCD display (Professional and Plus)
- True colour LCD (Professional)
- Exchangeable batteries (Professional and Plus)

Reposition front cover lens

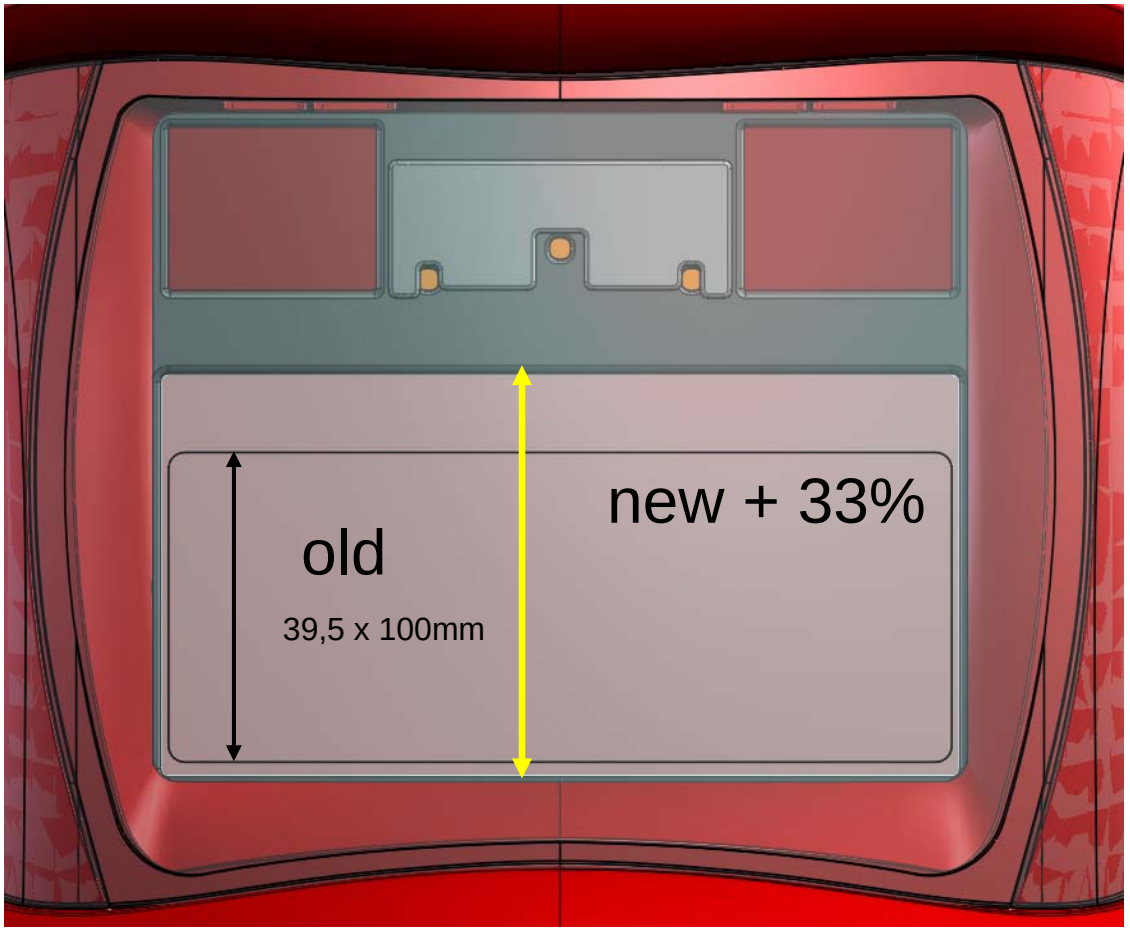
The new front cover lens is optimized against scratches. Putting the helmet on the table will produce no more scratches on the front cover lens



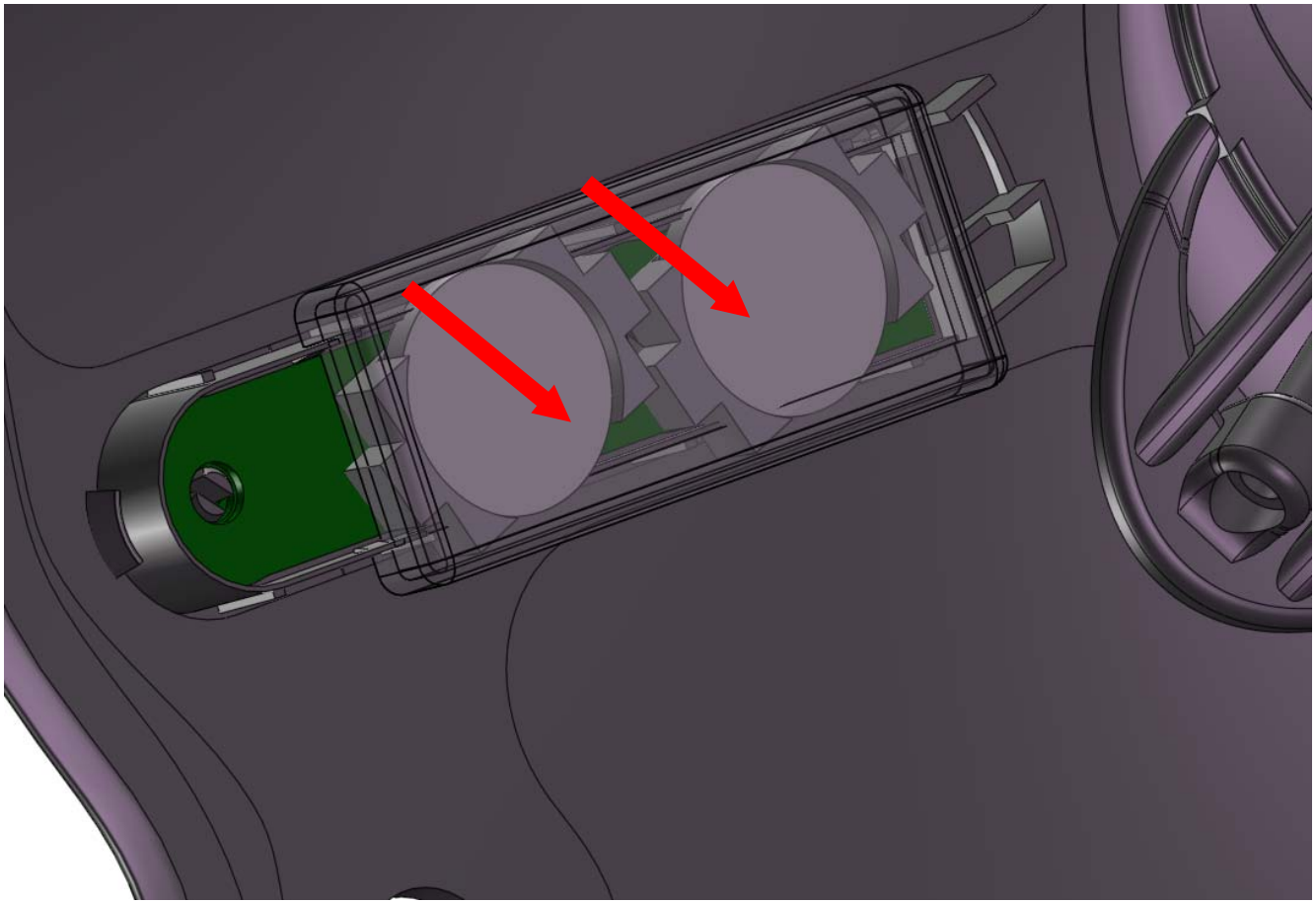
New cartridge fixation



Bigger LCD – display (Professional, Plus)



Exchangeable batteries (Professional, Plus)



Vizor 3000 Professional

Area of application:

- MIG/MAG (Standard und Puls)
- TIG (AC und DC)
- Elektrode Welding
- Plasma-Cutting
- Gas Welding
- Grinding

Art. Nr.: 42,0510,0083

Vizor 3000 Professional

Adjustable Parameters

- Shade level adjustment (5-13)
- True color LCD
- Switching time selection (fast/slow)
- Sensitivity adjustment ability to adjust the sensors to detect the arc
- Grinding mode Preventing automatic darkening when grinding or brazing
- Sensor slide Eliminates the effects of ambient light distractions with configurable detection angles of 60 ° or 120 °

Vizor 3000 Plus

Area of application:

- MIG/MAG
- TIG (AC und DC)
- Elektrode Welding
- Plasma-Cutting
- Grinding

Art. Nr.: 42,0510,0085

Vizor 3000 Plus

Adjustable Parameters

- Shade level adjustment (9-13)
- Switching time selection (fast/slow)
- Sensitivity adjustment
  ability to adjust the sensors to detect the arc
- Grinding mode
  Preventing automatic darkening when grinding or brazing
- Sensor slide
  Eliminates the effects of ambient light distractions with configurable detection angles of 60 ° or 120 °

Technical data

	Vizor 3000 Professional	Vizor 3000 Plus
Cartridge	Shade level setting between 4/5-9 or 4/9-13	Shade level setting between 4/9-13
Switching time light to dark	0,18 msec. at 25°C	0,18 msec. at 25°C
Delay dark / light	0,1 -0,35 sec. (fast pos.) 0,35-0,6 sec. (slow pos.)	0,1 -0,35 sec. (fast pos.) 0,35-0,6 sec. (slow pos.)
Operating temperature	-10°C to +70°C	-10°C to +70°C
Power supply	Solar cells and batteries	Solar cells and batteries
Weight	490 g	490 g
Cartridge size	90 x 110 x 7 mm	90 x 110 x 7 mm

Vizor 3000 Standard

Area of application:

- MIG/MAG
- Elektrode Welding

Art. Nr.: 42,0510,0084

Adjustable Parameters

- Shade levels 4/10 or 4/11
  Switch inside of the helmet
- Sensorbar
  Eliminates the effects of ambient light distractions with configurable detection angles of 60 ° or 120 °

Technical data

	Vizor 1000 Standard
Cartridge	Shade level setting between 4/10 or 4/11
Switching time light to dark	0,4 msec. bei 25°C
Delay dark / light	0,2-0,3 sec.
Operating temperature	-10°C to +70°C
Power supply	Solar cells
Weight	460 g
Cartridge size	90 x 110 x 7 mm

Area of application for the Vizor-Series

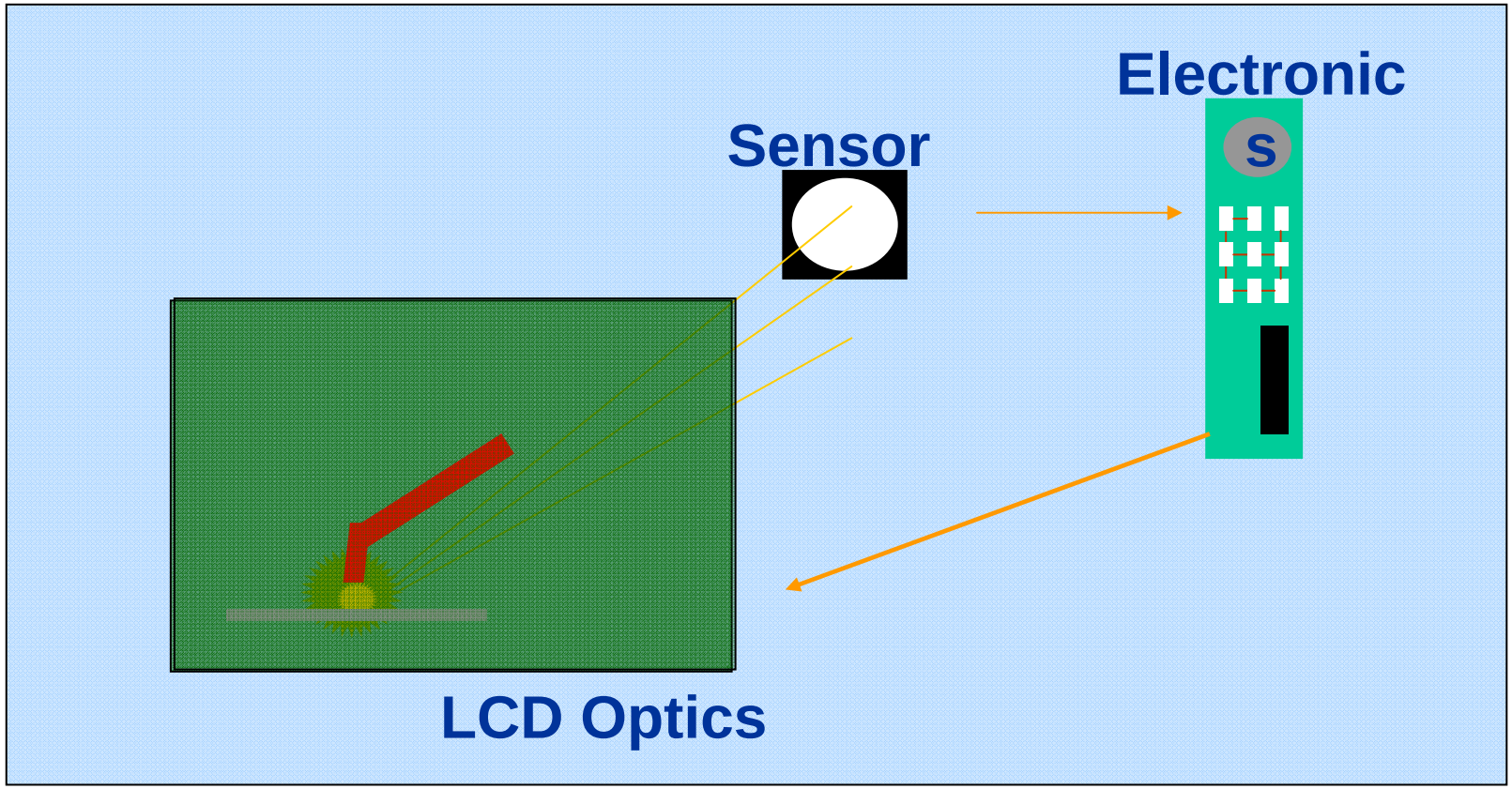
- MRO
- Metal construction companies
- Transport (Rail, Ships and Trucks)
- Automotive and Supplier Industry
- Robotic Welding
- Heavy Construction machines (Bulldozer, ...)
- Government (Power plant, Military)

Good to know

- Principal of an ADF
- Certifications / Approvals
- Classification
- Warranty concept

Good to know

- Principal of an ADF



Good to know

- **Certifications / Approvals**

Our products meets all International standards

Helmet meets impact standards
of EN 175 / Z87 andthe High Impact test for AS / NZS

Good to know

- Certifications / Approvals

ADF
EN169 & EN379

- Optical class
- Scattered Light
- Homogeneity

§

Helmet
EN166 & EN175

- Resistancy of Helmet shell
- Resistancy of Front Cover lens

Good to know

Classification

- Optical class
- Scattered light
- Homogeneity
- Angular Dep. (optional)

Good to know

- Classification
  Optical classes 1 / 2 / 3

- Statement depending a good/clean transmission of an object through the filter

- No distortion as a result of a surface
  which is not clean or not flat or smooth

PERFECT WELDING