

SMARTPRO
Back Surface
Progressive Lens



Optimum vision in optimum time

NSW - VIC - QLD

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OPTICARE
YOUR PARTNER IN OPTICS

Smartpro by Opticare. Extreme precision. Optimum vision.

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Why Smartpro lenses?

Smartpro lenses will significantly expand your patient's field of vision to provide:

- Accurate vision throughout the entire reading area
- Consistently wide near vision
- Gradient cylinder control along the entire intermediate area
- Significantly reduced swim and sway
- Distortion free distance vision
- Immediate adjustment for the eyes when moving between near, intermediate and distance vision
- Eliminate prismatic jump across all prescriptions because the fitting cross is on the optical centre
- Eliminate induced prism despite different scripts in each eye due to geometric centre fitting cross

Smart Pro Available In:

1.5 Smart Pro
1.5 Smart Pro Transitions Gray IV
1.5 Smart Pro Transitions Brown IV
1.5 Smart Pro Nupolar Gray 1
1.5 Smart Pro Nupolar Gray 3
1.5 Smart Pro Nupolar Brown
1.5 Smart Pro Nupolar Green 1.5
1.5 Smart Pro Drivewear
1.53 Smart Pro Trilogy
1.53 Smart Pro Trilogy Transitions V
1.56 Smart Pro Mid Index
1.58 Smart Pro Polycarbonate
1.58 Smart Pro Polycarbonate Transitions V
1.58 Smart Pro Polycarbonate Nupolar Gray
1.58 Smart Pro Polycarbonate Nupolar Brown
1.58 Smart Pro Polycarbonate Nupolar Green 1.5
1.61 Smart Pro High Index
1.61 Smart Pro Transitions V
1.67 Smart Pro High Index
1.67 Smart Pro Transitions V
1.67 Smart Pro Polarized Gray
1.74 Smart Pro Super High Index

Available in minimum fitting heights of 14mm, 17mm, and 19mm

100% back surface progressive design

At Opticare we use 100% back surface progressive design technology to create lenses that meet the precise needs of every individual.

The results are revolutionary – users enjoy an enlarged field of vision, reduced sway and distortion, immediate adjustment and greater comfort from their new lenses.

Who will benefit from Smartpro?

Smartpro lenses are ideal for any patients who benefit from progressive optical lenses. They are the perfect first pair of progressive lenses as well as the ideal replacement. Importantly, because Smartpro lenses are designed to meet specific Rx combinations, they are the ideal solution for patients who suffer from 'sway and swim' when using regular progressive lenses.

Leading edge optical technology

While conventional progressive lenses are sculpted on the front of the optical lens, Opticare's Smartpro technology arranges the progressive features and distance prescription on the back surface of the lens.

Fully computerised technology enables us to sculpt thousands of complicated prescriptions.

We can achieve millions of specific Rx prescriptions – all of them exact - compared with the conventional PAL, that has just one optically precise Rx per base, curve and add combination.

Aspheric compensation for each Rx provides complete control of marginal astigmatism and power error. Your patient will receive a truly customised lens with their exact Rx for each sphere, cylinder, axis, prism and add power, for near, intermediate and distance vision.

Unsurpassed results

The results achieved by Smartpro lens technology have never been and never will be matched by conventional front surface progressive lens technology:

30% larger field of vision (Fig 1)

Back surface progressive and aspheric lenses provide a field of vision that is 30% larger than front surface progressive lenses because the progressive surface rests closer to the eye.

All fields of view - distance, intermediate and near - are significantly expanded, providing improved image stability when compared with front side progressive lenses.

Improved intermediate vision

Gradient control within the corridor has vastly improved intermediate vision, enabling the eye to easily focus from distance to near. With conventional PALS, where the progressive power is only on the front surface, the prism is the only non-Rx tool available for improving near vision. Improvements using the prism are limited and, necessarily, incur trade offs in the lens.

40% less distortion (Fig 2)

The overall distortion of Smartpro lenses is reduced by 40% in comparison with front surface progressive design. This distortion free viewing and improved image stability are achieved because the back lens is sculpted with an exact Rx for distance, intermediate and near vision, and the front surface of the lens is a perfect sphere.

Expanded visibility for reading

Visibility for reading is enhanced by providing aspheric power control in the corridor, along the entire principle meridian.

Easy to fit

SmartPro lenses are as easy to fit as any conventional progressive lens. Simply use a monocular PD and ensure the correct lens height. Use the Opticare Fitting Guide to verify the lens cut-out on every Rx.

Fast to deliver

Smartpro lenses can be manufactured within 24 hours of receipt of the prescription – so that your patients can enjoy optimum vision within optimum time.

Immediate adjustment

With Smartpro lenses, patient accommodation is automatic because each lens is truly prescription specific – no more adjusting to new lenses!



Conventional Progressive Lens



Smart Pro Back Surface Progressive Lens

The advantages of the Smartpro back surface progressive lens compared with the front surface progressive lens:

Fig. 1: Field of vision increased by 30% when compared with a front surface progressive lens

Fig. 2: Distortion reduced by 40% when compared with a front surface progressive lens

■ Regular front surface progressive lens
■ Smartpro back surface progressive lens

