

TruScan Pro

The All in One Solution for Glaucoma and Retina
with PrismCore™ Multi-Wavelength Technology



1

Effective

Enhanced treatment
safety and comfort
with Pattern Scanning
and SP-Mode®
Microsecond Laser
Technology

3

Precise

Maximum precision
with a Heads Up
Display that allows
physician's eyes to
stay on patient

2

Intuitive

New intuitive GUI
with patient reporting
and built-in protocols



1130 Calle Cordillera, San Clemente, CA 92673, USA
T: 949-218-9555 | F: 949-218-9556 | sales@lightmed.com
www.lightmed.com

TruScan Pro

Industry's first and fastest pattern-scanning photocoagulator with PrismCore™ Multi-Wavelength Technology - four customizable wavelengths in one device.

	PrismCore™ Wavelength Benefits	Clinical Assets	Main Clinical Applications
Green 532nm The proven standard in photocoagulation	<ul style="list-style-type: none"> Highly absorbed by melanin Well absorbed by hemoglobin 	<ul style="list-style-type: none"> Clinically proven to treat large variety of retinal disorders 	Retinal Photocoagulation <ul style="list-style-type: none"> Panretinal Photocoagulation Diabetic Retinopathy Central/Branch Retinal Vein Occlusion Retinal Tears, Holes & Detachments Endophotocoagulation Glaucoma <ul style="list-style-type: none"> Laser Trabeculoplasty SP-Mode® Laser Trabeculoplasty
Yellow 577nm The new gold standard to treat the macula	<ul style="list-style-type: none"> Highly absorbed by melanin Peak absorption in oxyhemoglobin Negligible absorption by xanthophyll pigments Low light scattering 	<ul style="list-style-type: none"> Useful for treating large variety of retinal disorders Suitable for treating macula Useful for treating abnormal vasculature Reduced treatment pain 	Retinal Photocoagulation <ul style="list-style-type: none"> Panretinal Photocoagulation Diabetic Retinopathy Central/Branch Retinal Vein Occlusion Retinal Tears, Holes & Detachments Endophotocoagulation Diabetic Macular Edema (<i>focal photocoagulation</i>) SP-Mode® Macular Laser Treatment <ul style="list-style-type: none"> Diabetic Macular Edema Central Serous Chorioretinopathy Glaucoma <ul style="list-style-type: none"> Laser Trabeculoplasty SP-Mode® Laser Trabeculoplasty
Red 670nm The ideal choice when opacities are present	<ul style="list-style-type: none"> Well absorbed by melanin Minimally absorbed by hemoglobin Negligible absorption by xanthophyll pigments Good penetration through media hemorrhage and opacity Well penetrated through sclera 	<ul style="list-style-type: none"> Useful for treating retina through vitreous and retinal hemorrhages or media opacity Useful for the transscleral approach 	Retinal Photocoagulation <i>(Especially under conditions with medial opacities or hemorrhage)</i> <ul style="list-style-type: none"> Panretinal Photocoagulation Diabetic Retinopathy Central/Branch Retinal Vein Occlusion Retinal Tears, Holes & Detachments Endophotocoagulation SP-Mode® Macular Laser Treatment <ul style="list-style-type: none"> Diabetic Macular Edema Central Serous Chorioretinopathy
Infrared 810nm The versatile alternative for deep penetration	<ul style="list-style-type: none"> Well absorbed by melanin Minimally absorbed by hemoglobin Negligible absorption by xanthophyll pigments Good penetration through media hemorrhage Deep choroidal reach Minimal absorption in the crystalline lens Well penetrated through sclera Absence of flash light 	<ul style="list-style-type: none"> Useful for treating retina or choroid through vitreous and retinal hemorrhages or media opacity Suitable for approaching the choroid Suitable for the treatment of retinopathy of prematurity (avoiding cataract formation) Useful for the transscleral approach Comfortable due to the absence of flash light 	Retinal Photocoagulation <i>(Especially under conditions with medial opacities or hemorrhage)</i> <ul style="list-style-type: none"> Panretinal Photocoagulation Diabetic Retinopathy Central/Branch Retinal Vein Occlusion Retinal Tears, Holes & Detachments Endophotocoagulation Retinopathy of Prematurity SP-Mode® Macular Laser Treatment <ul style="list-style-type: none"> Diabetic Macular Edema Central Serous Chorioretinopathy Glaucoma <ul style="list-style-type: none"> Transscleral Cyclophotocoagulation SP-Mode® Transscleral Cyclophotocoagulation SP-Mode® Laser Trabeculoplasty