



OPTICAL FILM SERIES

ANTI-GLARE FILM

COLD LIGHT FILM

CONDUCTIVE FILM

AR Coatings & AF Coatings

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System Summary

Optical vacuum coating machine, specially designed for manufacturing precision optical film components and optical film communication products. RS485 connector is adopted between CPU and each device that make sure machine running stable and reliable, the feature of fully intelligent turns it into the ideal coating equipment for optical film with the dimension of chamber at $\Phi 550$ to $\Phi 2500$ mm, maxi size up to $\Phi 3000$ mm.

MACHINE CONFIGURATION:

MODEL NO.	DKOF-1100	DKOF-1300	DKOF-1500	DKOF-1800
Vacuum chamber	$\Phi 1100$ mm×1300mm;304 Stainless steel	$\Phi 1300$ mm×1500mm;304 Stainless steel	$\Phi 1500$ mm×1600mm;304 Stainless steel	$\Phi 1800$ mm×1800mm;304 Stainless steel
Workpiece plate	$\Phi 1030$ mm	$\Phi 1200$ mm	$\Phi 1400$ mm	$\Phi 1700$ mm
Baking temperature	Tubular heater enclosure layout, The maximum temperature 350°C			
Evaporation source	2pcs electron gun,6KW	2pcs electron gun,6KW	2pcs electron gun,8KW	2pcs electron gun,8-10KW
Optical film thickness control	1pcs optical special power, 1pcs optical film thickness control device, 1pcs grating monochromator, The range of wave length 380-1100nm.Transmission/reflection			
Ion source	Kaufman or Hall source			
Electrical automatic control	Touch screen + HMI + PLC control			
Ultimate vacuum	Below 3×10^{-4} Pa(3×10^{-6} mbar)			
Recovery vacuum	Atms. 4×10^{-3} Pa <15min (4×10^{-5} mbar <15min)			
Weight(kg)	About 4000kg	About 5000kg	About 6500kg	About 7500kg

APPLICATION:

- AR Coatings & AF Coatings --For precision components and technical optics.
- Anti-glare coating
- Cold light film – for illuminations system
- ITO transparent conductive film – for displays
- Reflecting coating, spectroscopic film, laser film, metal film, electrics optical film, cut-off film, various filter electrics optical film, etc.
- The substrate that could be used for coating includes glass, ceramic, optical crystal, optical plastic, PC, PMMA, metal etc.

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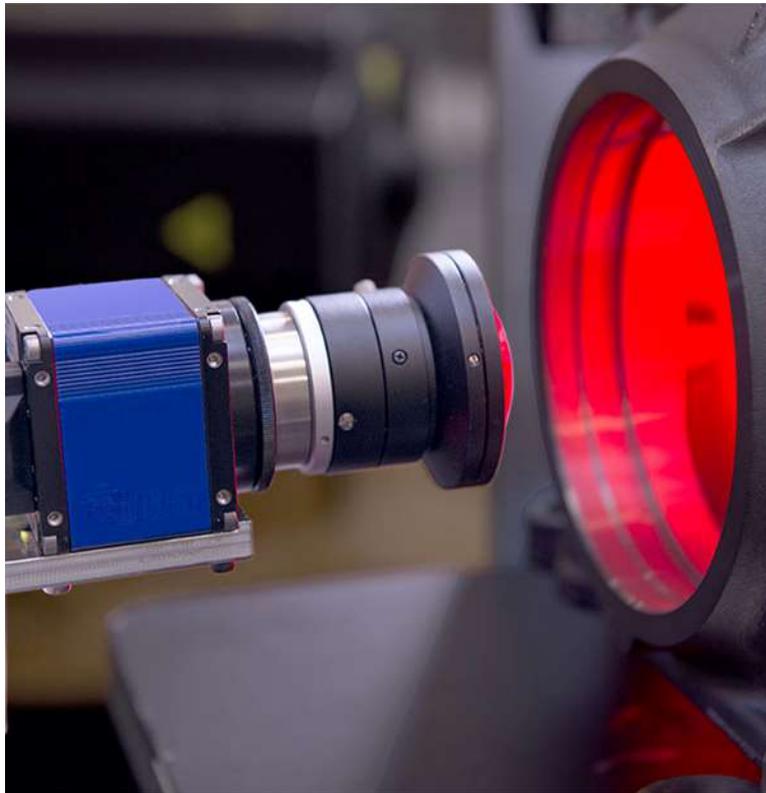
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PRODUCTS IMAGES:





Machine components:





AFTER-SALES SERVICE & SUPPORTING:

Danko Vacuum Systems and our global service partners can provide onsite installation, repair service, preventative maintenance, applications and service training. We are available to provide support for your system 24/7.

Free warranty for full equipment for 12 months.

Long term providing the target, vacuum materials and accessories at reduced prices.

Providing vacuum coating machine operation and training of personnel at site.