



Kit of lenses for the



## DayCor® Camera



The kit of close-up lenses, manufactured by Ofil, is especially designed for the DayCor® camera to allow UV inspection from distances of 0.5 meters to 3 meters.

The DayCor® camera is originally set to UV inspection from a distance of 3 meters up to infinity.

Using the close-up lenses makes the standard DayCor® fit for indoors inspections, for laboratory work, for motor coils and dry transformers, for high voltage cabinets etc. where short distance inspections are needed.

The DayCor® Bispectral Corona Camera detects and locates corona, arcing and partial discharge on high voltage lines and equipment.

The DayCor® is a highly sensitive system that offers robust inspection capabilities with complete solar radiation immunity, providing outstanding performance independent of power line loads and weather conditions.



# Close-up Lenses



Corona Camera with set of close-up lenses



Bayonet lenses

## The kit of lenses consists of

- 3 bayonet close-up lenses for various combinations of working distances (see the combinations table)
- Front window substitute
- User manual

## When use close-up lenses

- The originally design of the DayCor® is for a minimal working distance of 3m. If the object in study is at more than 3m away from the DayCor® none of the lenses are required.
- In cases where the object is less than 3m apart, the use of the close-up lenses will provide a focused image.

## How to order

From your local dealer see:  
[www.ofilsystems.com/contact.html](http://www.ofilsystems.com/contact.html)

Or directly from Ofil

## Lenses combinations

The close-up lenses are of bayonet type. The lenses can be snapped on to each other and form a new working distance. The variety of possible lenses combination yields the working distance range that spans from 50cm to 3 meters, as shown in the combinations table underneath.



## Mounting the lenses

Align the close-up lens' 4 pins to the 4 holes on the front window, and while pressing it firmly to the window, rotate the lens counter clockwise until it is firmly connected.

## Combinations:

Min. Object Distance [m]	Max. Object Distance [m]	Close-up Lenses Combination		
		1	2	3
1.5	3	+		
1	1.5		+	
0.75	1	+	+	
0.6	0.75			+
0.5	0.6	+		+

