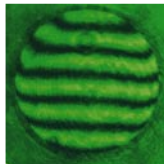
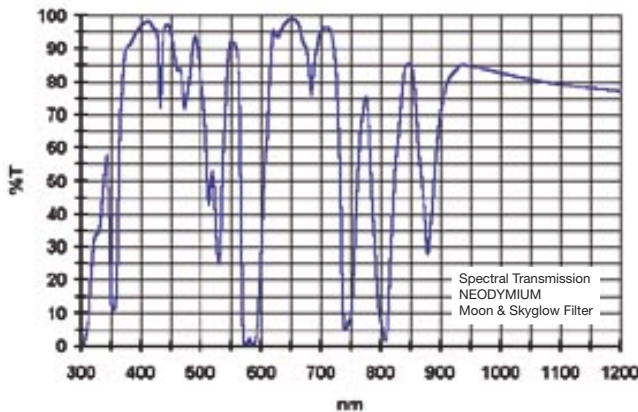


# NEODYMIUM

## Moon and Skyglow-Filter

planeoptically polished and MC-coated



Interferogram displays parallel lines – definite proof of true fineoptical quality. This filter is good for any magnification – whatever the quality of your telescope of atmospheric conditions will allow.



**Drastically improved contrast for all reflector telescopes, without loss of brightness! This filter goes back upon a development of Carl Zeiss Jena – to provide proper credit after all!**

Many companies claim the Neodymium filter being their idea in the meantime – here is the real story: When Baader Planetarium had taken over responsibility for Zeiss Amateur Astro Products Division in 1996, among many other product ideas (which are gradually entering the market...), one of the most intriguing was a selective bandpass-filter to cut a good part of light pollution and greatly intensify the H- $\alpha$  wavelength of the visual spectrum – working as a whole like an RGB-Intensifier.

This was achieved with the help of the rare earth element NEODYMIUM, whose effect as astronomical filter never had been tested before.

The effect is very impressive though, especially if applied on the planets Jupiter and Mars, while at the same time considerably darkening the sky background. Many thousands of Neodymium Filters have been distributed since then, being one of the most effective, while priceworthy tools for the amateur.

The latest production run features multilayer coatings on both sides, which makes the genuine NEODYMIUM Moon & Skyglow-Filter **the brightest** in this family of filters.

Greatly intensifies surface details on Mars, Jupiter and Moon – and enhances many Deep Sky galaxies and nebulae against the background sky.

- Selective contrast enhancing filter, especially suitable for all reflector type telescopes and true Apochromates. (Economy refractor owners

might consider the **Contrast-Booster Filter** instead, featuring an additional dielectric UV-blocker, to eliminate the unfocused blue part of the spectrum.)

- Transmits a maximum of light (= after all LIGHT is "the hottest commodity" in this astronomy business...), while blocking unwanted skyglow and many street light emissions.
- Especially effective on small economy telescopes which cannot benefit from expensive narrow-band nebula filters due to the huge light-loss involved.
- Unique selective blocking feature of the NEODYMIUM element greatly reduces glare, without reducing recognition of important color and brightness variations.
- Transmission within the selected wave bands exceeds 95%.
- Fits all standard filter threads,
- Longs to be combined with an UV/IR-Cut-Filter for all CCD and digital camera work. This combination works extremely well due to cutting all unfocused light – an absolute MUST for digital imaging.
- Planeoptically polished! Retains full image resolution – even at highest magnification, way above 200 times, or during eyepiece projection work – even in front of a binocular viewer.

- Ultrahard and durable Ion-beam hardened coatings, may be cleaned anytime without fear.
- No image degradation as with "flame polished" filters.
- Available in 1 1/4" and 2" size at very affordable price.
- Non-vignetting filter cells, larger in aperture than any competing design, featuring a CNC milled "crown" for ease of handling and attachment.

**Try it out with your naked eye even! See how intense the NEODYMIUM / Moon & Skyglow-Filter will enhance blue and red colors. If you have never seen the GRS (Great Red Spot) on Jupiter – or surface features on Mars – with this filter you will!**

### 1 1/4" NEODYMIUM Moon & Skyglow-Filter

Item-No.: 245 8305

### 2" NEODYMIUM Moon & Skyglow-Filter

Item No.: 245 8334

**For best cleaning results we recommend:**

## OPTICAL WONDER™

Fineoptical Cleaning Fluid  
100 ml · Item-No.: 2905007

Super-Microfibre Cloth  
10 x 10 inch · Item-No.: 2905000

