

## Spectroscope in Card Board Box 1003183

### Instruction manual

08/13 ALF

↑↑  
Slit

↑↑  
Scale

### Spectroscope with scale

**Usage:**  
 The spectroscope has been specially developed to allow users to observe a light spectrum through a slit. The spectrum is formed by passing light through a grating with 530 lines per millimetre. By projecting the spectrum onto the scale of the spectroscope, it is possible to determine the wavelength of spectral lines.

Chem. element	Wavelengths of spectral lines	nm			
		400	500	600	700
Hg	404/07				
Hg	435/38				
Cs	456/59				
Cd	468/80				
Zn	468/72/81				
Cd	509				
Tl	535				
Hg	546				
Hg	577/79				
He	588				
Na	589				
Zn	636				
Ne	638 - 668				
Cd	644				
He	668				
He	707				

Viewing direction ↑

Grating 530 l/mm  
↓↓

