



Kunstmuseum Brandts

## Lundstrøms EVIGHEDSBLÅ

This is the name of an exhibition that is currently displayed at Kunstmuseum Brandts in Odense. New technology reveals details about painter Vilhelm Lundstrøm's working methods and use of the colour blue and opens new perspectives for future analyses and preservation of art and cultural artefacts.

The painter Vilhelm Lundstrøm is known for his tight compositions and confident color choices. Now, new technology adds layers to our knowledge of the great Danish painter and his iconic use of blue, revealing

him as a searching artist who often experimented with many layers of subject, composition and color choices before his paintings were finished.

This is the first time an exhibition focuses on Vilhelm Lundstrøm's working method when Kunstmuseum Brandts, in collaboration with the company Newtec Engineering A/S in Odense, Konserveringscenter Vejle and the University of Southern Denmark, goes beneath the surface of the beloved artist's works.

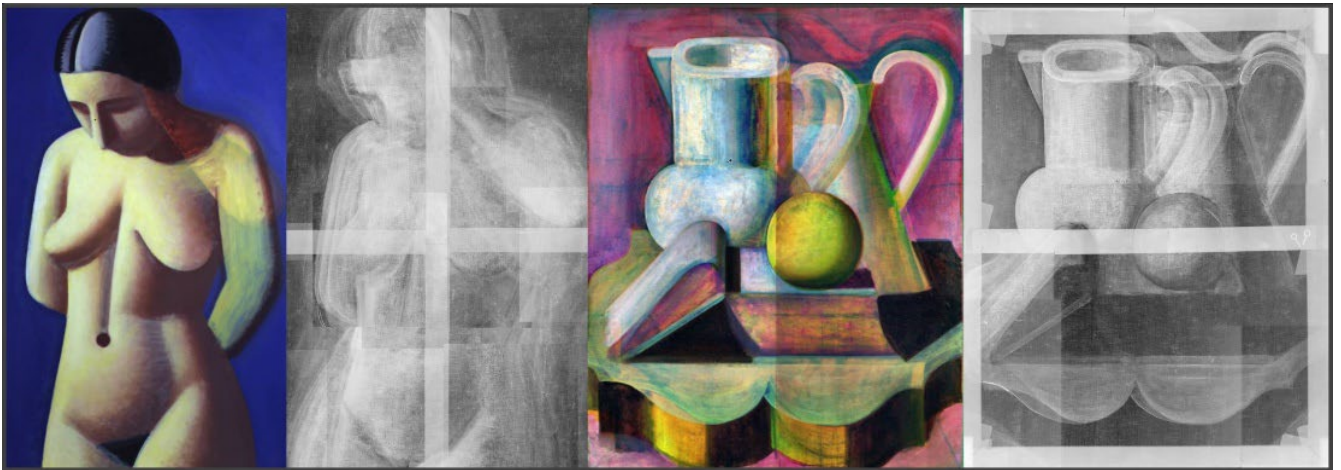
Along with already known methods such as X-ray and color sections of the layers in Lundstrøm's paintings, hyperspectral technology from Newtec Engineering A/S can now also provide information about Lundstrøm's strokes, blue pigments, changes and hidden markings. Using advanced analysis equipment from the University of Southern Denmark, it has been possible to make precise analyses of Lundstrøm's pigments in cross-sections of small paint samples.

There are 11 paintings by Lundstrøm in the Kunstmuseum Brandts collection. One of them is *Arrangement with Jugs* from 1930-32, which can be seen in the exhibition with one half freshly cleaned and the other half covered with a thin layer of soot, which the museum only recently discovered. The exhibition provides a unique insight into the working methods of both the conservator and the artist.

In the exhibition, visitors can try their hand at scanning images with a hyperspectral scanner and see examples of color sections from a number of the museum's paintings. The new color sections reveal that beneath the surface of Lundstrøm's paintings there are as many as 31 layers of different colors.

### NEW TECHNOLOGY IS MORE GENTLE

A hyperspectral scanner can show colors we humans can't see. While our eyes basically only have three color receptors, hyperspectral cameras have between 150 and 900 color receptors and can see through the layers of paint that we cannot. From the hyperspectral images alone, you can determine the exact pigments and do chemical analysis of the substances used.



Malerierne er fra Kunstmuseet Brandts, Modelbillede (1928) og Opstilling med Kander (1930-32). Optagelser er i henholdsvis røntgen, udført på konserveringsventer Vejle, og hyperspektrale optagelser, udført af NEWTEC.