

Business Case Photographic Emulsion

HOW DURABLE VISCOMETERS INSURE EXCELLENCE IN LONG-TERM FILM PRODUCTION

For these leaders in film production, the challenge is to monitor perfectly the quality of the photographic emulsions that are produced for the Coating process



CHALLENGE

These leading companies are manufacturing and marketing traditional photographic films.

Photographic film is a strip of transparent plastic film base coated on one side with a gelatin emulsion containing microscopically small light-sensitive silver halide crystals.

3 decades ago, the challenge was to find an exclusive manufacturer able to provide a robust and reliable solution for monitoring the viscosity of the photographic emulsions used to produce the films thanks to a coating process.



MIVI Viscometer key features:

robustness
high reliability
high precision
low maintenance

From black and white to color

SOLUTION

Sofraser, inventor of the vibrating type at resonance frequency viscometer, had over a long period the know-how of harsh industrial manufacturing environments and set the application with its flagship product, MIVI.

MIVI rose to the challenge and excelled in its mission by exceeding its commitment. The future will demonstrate that MIVI was extremely robust and durable while being able to provide a superior precision.



RESULT

Since mid of the 80s, Sofraser process viscometer MIVI has been used successfully by photographic films producers during the acetate cellulose and the emulsions preparation steps and during the coating processes.

Decades of use without support and maintenance prove the high quality and reliability of the vibrating needle type process viscometer and the contribution to the outstanding quality of the professional and consumer films.



Process Technician Thermal Media Manufacturing

“ When I sent my 28 years old MIVI process viscometer back to the factory for checking and maintenance, Sofraser advised to replace it by a new unit and I agreed that this proposal was more than reasonable. Indeed after almost 3 decades of service my old unit has been more than profitable and the new unit will comply with the latest standards of design and manufacturing.

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**Decades
of utilization
trouble free**



**Sofraser is highly reputed
on**

**Oil & Gas,
Polymers & chemical,
Food & beverage,
Cosmetic, Pharma &
Biotech, Coating.**



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