

	100 ml	Volume	100 ml
	ASTM D96	Conformity	ASTM E709
	0,05 ml Ref SREM : 33EPROU00	Graduation	For non-Fluorescent ink : 0,1 ml Ref SREM : 33EPROU01 For Fluorescent ink : 0.05 ml Ref SREM : 33EPROU02

These tubes of sedimentation allow the control of the concentration of powder (colored or fluorescent) product VTR. This control is performed upon receipt of a new product or in use with product on oil or aqueous base.

For the control of fluorescent products, ASTM E709 requires a sedimentation test with a scale of 0.05 ml

PROCEDURE

After at least 30 minutes of mixing in the pump base of the magnetoscopy device. Carefully remove 100 ml of magnetic suspension and immediately pour into the specimen. Demagnetize the tube.

Allow the necessary time required for the sedimentation of the magnetic particles.

The sedimentation volume in the tube should be read after:

- . 30 minutes for the aqueous base product
- . 1 hour for the oil base product

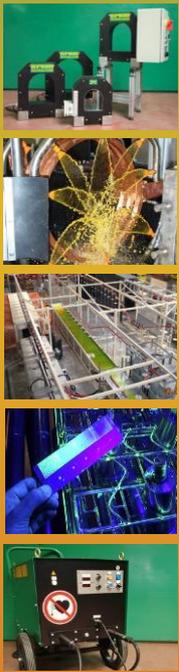
Mainly, the sedimentation volume must be between:

- . 0.1 and 0.4 ml / 100 ml for the fluorescent products
 - . 1.2 and 2.4 ml / 100 ml for non-fluorescent colored products
- Some more strict standards or specifications may be requested.

In case of using fluorescent magnetic products, we also check:

- That the “carrier” liquid shows no fluorescence which could restrict detection for small defects,
- That the sedimentation pellet has a homogeneous appearance (it should be no separation between the iron oxide and fluorescent pigment).

If the sedimentation volume is less than required by the standard applied and that there is no visible degradation of the magnetic suspension, the control bath can be refilled with the proper magnetic powder.



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