# accu**PUMP**

# Collomix TINT

**A Dispenser With Sample Pot Accuracy** 

How does TINTA's tintONE one circuit dispenser improve dosing precision?

## Stepper motors ·

Two proprietary individualized direct stepper-motor-drives for pump and valve for highest accuracy and long lifetime. The fully calibration free stepper motor action is based on defined actor rotation.

# High grade steele cylinder Abrasive pigments can cause wear of the inner cylinder surface, with negative effects on the durability of the piston. Collomix has developed high-grade steel cylinder

durability of the piston. Collomix has developed high-grade steel cylinder tubes and an intelligent material combination for the cylinder piston system, for long lifetime.

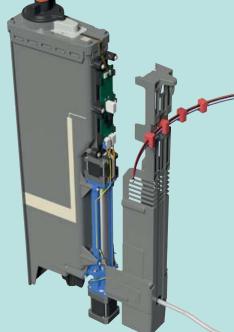
## Stiff pump cylinder receptacle into which the cylinder

is firmly clamped using a brace module.

### Piston and seal combination The system needs no seal as the piston itself performs the sealing function.

The piston features a tested lifetime, resp. over 31,500 liter of pump volume in average (yellow oxide; white oxide colorant in worst case about 13.500 liters).

Coated ceramic discs in the multifunctional multi-port valve enable reliable operation over the complete lifetime. Lid with LED indications increases process safety at Pointof-Tinting.



TINTA's tintONE is an intelligent one-circuit dispenser unit. Air sealed and free of stirrers it prevents the dry-out of colorants. Thanks to a significantly reduced number of moving parts in the canister, tintONE is low in maintenance and extremely service-friendly.



The TINTA Dispenser uses an innovative, patented technology, called vibroPAD, to break thixotropy.

# **Result:**

As a Result TINTA cool**NOZ** provides consistently high dosing precision:

- 0,08 ml < 4% deviation 24h after last purge/dose
- 0,08 ml < 1 % deviation after purge
- 0,04 ml < 5-8 % deviation after purge, depending on rheology</li>