

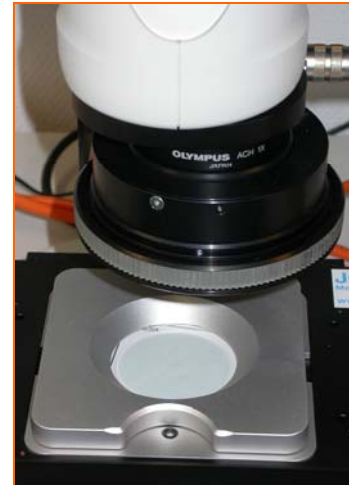
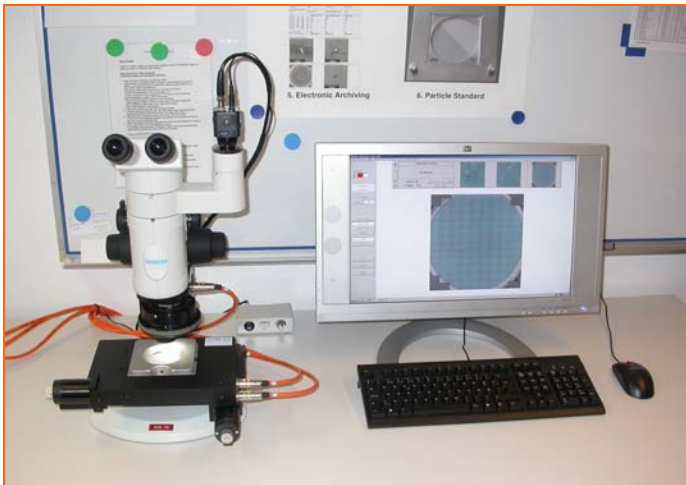


Cleanliness Analysis – when you demand clean details

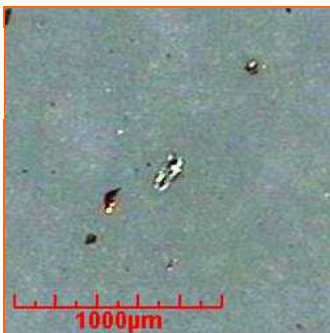
Safe Control can help you examine the amount of particles on details, in fluids, lubricants and the air. Particles can shorten the lifespan, destroy constructions and/or affect our environment. Consequently the demands for cleanliness have increased in later years, mostly due to higher demands from the larger car and lorry manufacturers. We can be of assistance with occasional examinations and/or regularly scheduled checkups to ensure that the demands for cleanliness you strive for are met.

This is how it works: After separating the particles from detail, by ultrasonic bath or rinsing, the liquid is passed through a filter membrane which then is dried in a dessicator. Afterwards we can with the help of our automated equipment count and measure the amount of particulates and distinguish metallic and non-metallic particles as well as fibres. To ensure a correct particle counting and measuring we use a reference filter with defined particles according to ISO 16232. Should the need arise interesting particles can also be analysed in regard to its chemical structure.

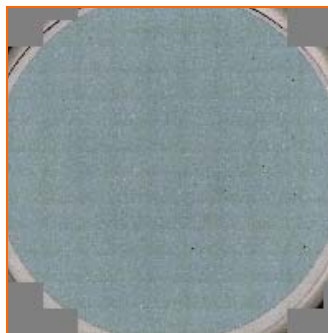
We use state of the art equipment from Jomesa.



Filter analysis



Metallic particles



Over-view of filter



Particle standard