

## Checklist for Particle Size analyses

Please answer the following questions about your sample(s):

**Description of sample:** \_\_\_\_\_

Particle material: \_\_\_\_\_ Particle density: \_\_\_\_\_ gr/l

Particle refractive index: \_\_\_\_\_ Particle (light) absorption: \_\_\_\_\_

Are the particles soluble in water? yes / no

If yes, what liquid(s) can be used for analysis: \_\_\_\_\_

Particles are: solid / porous / \_\_\_\_\_

**Description of suspension medium:** \_\_\_\_\_

Density: \_\_\_\_\_ gr/l Viscosity: \_\_\_\_\_ Refractive index: \_\_\_\_\_

Are suspending agents / surfactants used? yes / no

If yes, which agents are present: \_\_\_\_\_

Can ultrasonic agitation been used to disperse the particles? yes / no

Storage conditions: room temperature / refrigerator / freezer / dark / \_\_\_\_\_

Hazards (attach MSDS where needed): none / toxic / flammable / \_\_\_\_\_

Special properties of the sample: \_\_\_\_\_

How is the sample now measured? \_\_\_\_\_

What is the particle size range you are interested in? \_\_\_\_\_  $\mu$

General comments (e.g. special treatment, wishes): \_\_\_\_\_

Company name: \_\_\_\_\_

Contact person: \_\_\_\_\_

Tel.: \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Please send your samples together with this form to: CPS Instruments Europe,  
De Kreek 20a, NL-4906 BB Oosterhout, The Netherlands or to your local representative.