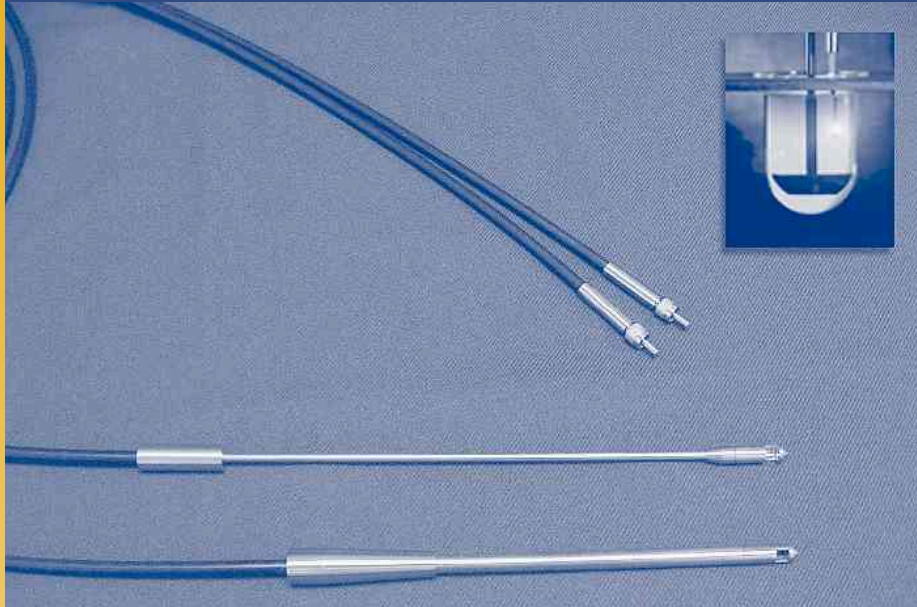


Fiberoptic Probes for Dissolution Testing



DESCRIPTION

RoMack's dissolution probes, developed specifically for use in pharmaceutical dissolution testing systems, truly represent a significant leap forward in fiberoptic probe design and quality control. Responding to the needs of this particular application, RoMack has ensured that the three primary requirements of high throughput, robustness and low stray light have been achieved.

RoMack's world class inspection and control tools guarantee that all probes meet or exceed specifications every time and each probe is subjected to a twelve point inspection process. RoMack also specifically tests each of

these probes in the environment in which they are intended to be used.

RoMack further assures the quality of all probes by issuance of a certificate of conformance and transmission vs wavelength curves for each and every probe shipped.

INTERFACING NOTE:

Most of RoMack's probes can be used as direct plug-and-play accessories for existing fiberoptic systems currently in use.

**RoMack Probes -
"Better by Design."**

APPLICATIONS

- Fiberoptic dissolution testing
- General absorption spectroscopic measurements
- On-line process control
- Laboratory dip spectroscopy
- Medical

FEATURES

- Highest throughput in the industry.
- Robust design that minimizes stray light.
- Transmission data with every probe.
- Every seal checked.
- All wetted materials tested for corrosion resistance.
- Industry standard terminations.
- Interchangeable path length tips.
- Highest grade UV materials.
- Custom configurations available.

Fiberoptic Probes for Dissolution Testing

ORDERING/SPECIFYING INFORMATION

- Dissolution probes products can be ordered using the specifying system represented on this page.
- If you have any trouble with the specifying system or have any special requirements not accommodated or shown, please contact a RoMack sales associate.

NOTES

- Probes are often used in harsh environments so if you have any questions about the applicability of a probe for your environment please speak to a RoMack applications engineer or sales associate.

The diagram illustrates a fiberoptic probe with the following dimensions and callouts:

- Breakout Length (BOL):** The length of the breakout section.
- Overall Length (OAL):** The total length of the probe.
- Probe Length (PL):** The length of the probe section.
- Callout A:** Fiber Type
- Callout B:** Fiber Size
- Callout C:** Connector
- Callout D:** Probe Diameter
- Callout E:** Path Length*

<p>(A) Fiber Type</p> <ol style="list-style-type: none"> 1) Silica/Silica (UV/VIS) 2) Silica/Silica Low Solarization (UV) 3) Silica/Silica (VIS/NIR) 4) Polymer Clad Silica(UV/VIS High NA) 5) Polymer Clad Silica(VIS/NIR High NA) 6) Other _____ 	<p>(B) Fiber Size</p> <ol style="list-style-type: none"> 1) 100µm 2) 200µm 3) 300µm 4) 400µm 5) 500µm 6) 600µm 7) Other _____ 	<p>(C) Connector</p> <ol style="list-style-type: none"> 1) SMA 2) FC 3) ST 4) Other _____
<p>(D) Probe Diameter</p> <ol style="list-style-type: none"> 1) Ø0.125" 2) Ø0.250" 3) Ø0.125" steep up to Ø0.250" (shown) 4) Ø0.500" 5) Other _____ 	<p>(E) Path Length*</p> <ol style="list-style-type: none"> 1) 2mm 2) 5mm 3) 10mm 4) 20MM 5) Other _____ 	<p>*Double the gap measurement at "E" for path length.</p> <p>Specifying Method</p> <p>AD - <u>A</u> <u>B</u> <u>C</u> <u>D</u> <u>E</u> <u>X</u> <u>X</u> (PL-in)</p> <p>Example : AD-17133 06</p> <p>AD - <u>1</u> <u>7</u> <u>1</u> <u>3</u> <u>3</u> <u>0</u> <u>6</u> (in)</p> <p>Silica/Silica (UV/VIS), 600 micron , SMA connector, 6 in. probe length, 10mm path length</p> <p>Please contact RoMack regarding replaceable path length tips, or environmental concerns.</p>
<p>Temperature Requirements: _____</p> <p>Pressure Requirements: _____</p> <p>Other Requirements: _____</p> <p>_____</p> <p>_____</p>		

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