eppendorf

Stay Informed

Precise and Repeatable Pipetting of Problem Liquids

Pipetting seems easy, but some tips and tricks can help you to get consistent and reproducible results-even with difficult liquids.

> Spendor Research DIUS **Air-cushion pipette**

Positive displacement dispenser

Immersion depth

1

avoid uptake of air

| Volume in µL | Depth in mm |
|--------------|-------------|
| 0.1-1 | 1 |
| 1–100 | 2–3 |
| 100-1,000 | 2-4 |
| 1,000–10,000 | 3-6 |

0

3 **Ice-cold liquids**

1000

CAL

Foaming liquids

It is difficult to pipette sam-

mended to minimize the

Viscous liquids

pipette it is recommended

2 Forward & reverse pipetting

| Forward | Liquid uptake: | Press to 1st stop Move up completely |
|---------|-------------------|---|
| | Liquid discharge: | Press via 1st stop down to 2nd stop |
| Reverse | Liquid uptake: | Press to 2nd stop Move up completely |
| | Liquid discharge: | Press to 1st stop |



4 **Pipetting angle**

When aspirating, the pipette should be as vertical as possible. Noticeable

Your local distributor: www.eppendorf.com/contact · Eppendorf AG · 22331 Hamburg · Germany · eppendorf@eppendorf.com · www.eppendorf.com Eppendorf®, the Eppendorf logo and Eppendorf Research® are registered trademarks of Eppendorf AG, Germany. U.S. Design Patents are listed on www.eppendorf.com/ip All rights reserved including graphics and images. Order no.: AQ404 36 020/GB1/0416/5H/NB/STEF. Copyright © 2016 Eppendorf AG.

www.eppendorf.com/stayinformed