

# Dispermill Vessels

Vessels are an important part of the dispersing process. Therefore different types of vessels are designed to run your research and development processes optimally.

Experience has shown that some dispersing and mixing processes require cooling or heating of the vessel. As solution we offer high-quality jacketed vessels. These vessels are equipped with quick fit water connections through which cooling or heating fluids can be passed.

All vessels are produced of stainless steel. Vessels can be ordered in various sizes from 0,5 to 150 litres.



## FEATURES

- ✓ Stainless steel
- ✓ High quality design
- ✓ Easy to clean
- ✓ Various sizes
- ✓ Jacketed & Single walled

JACKETED  
VESSELS

**A. Jacketed vessel with 1" ball valve outlet and quick fit water connections**

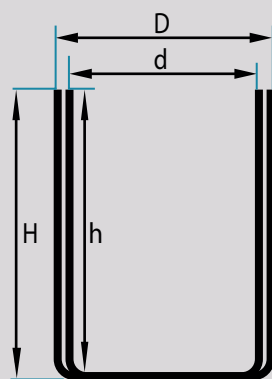


| Type | d   | D   | h   | H   | Order code |
|------|-----|-----|-----|-----|------------|
| 5L   | 175 | 209 | 216 | 222 | 42-1083    |
| 8L   | 225 | 254 | 281 | 287 | 42-1084    |
| 15L  | 250 | 280 | 360 | 366 | 42-1085    |
| 20L  | 265 | 304 | 376 | 382 | 42-1029    |
| 50L  | 400 | 435 | 450 | 456 | 42-1086    |

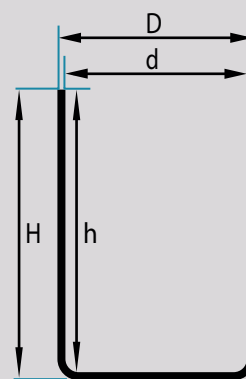
**B. Jacketed vessel without outlet with quick fit water connections**



| Type | d   | D   | h   | H   | Order code |
|------|-----|-----|-----|-----|------------|
| 0,5L | 85  | 104 | 114 | 120 | 42-1040    |
| 1L   | 100 | 129 | 138 | 144 | 42-1017    |
| 2L   | 125 | 154 | 178 | 184 | 42-1019    |
| 3L   | 150 | 190 | 174 | 180 | 42-1026    |
| 5L   | 175 | 209 | 216 | 222 | 42-1027    |
| 8L   | 225 | 254 | 281 | 287 | 42-1020    |
| 15L  | 250 | 280 | 360 | 366 | 42-1028    |
| 20L  | 265 | 304 | 376 | 382 | 42-1051    |
| 50L  | 400 | 435 | 450 | 456 | 42-1030    |



Jacketed vessel



Single walled vessel

\*Vessel type A, B, C & D are suitable for vacuum purposes.

SINGLE WALLED  
VESSELS

**C. Single walled vessel with 1" ball valve outlet**



| Type | d   | D   | h   | H   | Order code |
|------|-----|-----|-----|-----|------------|
| 5L   | 175 | 209 | 220 | 222 | 42-1091    |
| 8L   | 225 | 254 | 285 | 287 | 42-1092    |
| 15L  | 250 | 280 | 364 | 366 | 42-1093    |
| 20L  | 265 | 304 | 380 | 382 | 42-1094    |
| 50L  | 400 | 435 | 454 | 456 | 42-1095    |

**D. Single walled vessel for vacuum use**

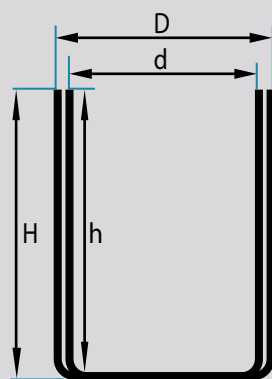


| Type | d   | D   | h   | H   | Order code |
|------|-----|-----|-----|-----|------------|
| 5L   | 175 | 209 | 220 | 222 | 42-1081    |
| 8L   | 225 | 254 | 285 | 287 | 42-1096    |
| 15L  | 250 | 280 | 364 | 366 | 42-1097    |
| 20L  | 265 | 304 | 380 | 382 | 42-1098    |
| 50L  | 400 | 435 | 454 | 456 | 42-1099    |

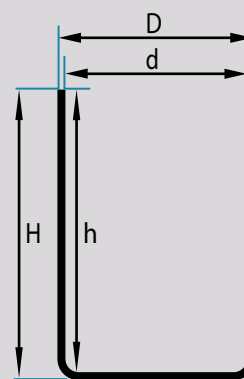
**E. Single walled vessel (standard)**



| Type | d   | D   | h   | H   | Order code |
|------|-----|-----|-----|-----|------------|
| 0.5L | 80  | 90  | 100 | 102 | 42-1009    |
| 1L   | 100 | 105 | 148 | 150 | 42-1002    |
| 2L   | 130 | 138 | 168 | 170 | 42-1003    |
| 3L   | 160 | 165 | 183 | 185 | 42-1008    |
| 5L   | 180 | 185 | 223 | 225 | 42-1004    |
| 8L   | 210 | 215 | 273 | 275 | 42-1013    |



Jacketed vessel



Single walled vessel

\*Vessel type A, B, C & D are suitable for vacuum purposes.

## SINGLE WALLED VESSELS

### F. Single walled vessel with bucket handle



| Type | d   | D   | h   | H   | Order code |
|------|-----|-----|-----|-----|------------|
| 10L  | 240 | 250 | 240 | 260 | 42-1041    |
| 12L  | 240 | 250 | 290 | 310 | 42-1014    |
| 15L  | 270 | 280 | 290 | 310 | 42-1015    |

### G. Single walled vessel with two lift handles

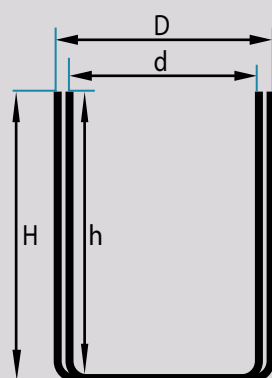


| Type | d   | D   | h   | H   | Order code |
|------|-----|-----|-----|-----|------------|
| 20L  | 270 | 280 | 375 | 395 | 42-1005    |
| 25L  | 300 | 310 | 375 | 395 | 42-1035    |
| 30L  | 300 | 310 | 445 | 465 | 42-1101    |
| 50L  | 350 | 360 | 535 | 555 | 42-1006    |
| 75L  | 400 | 410 | 600 | 620 | 42-1055    |
| 100L | 450 | 460 | 650 | 670 | 42-1102    |
| 150L | 550 | 560 | 650 | 670 | 42-1103    |

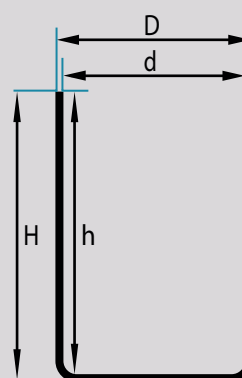
### H. Single walled vessel with handle and spout



| Type | d   | D   | h   | H   | Order code |
|------|-----|-----|-----|-----|------------|
| 10L  | 240 | 250 | 280 | 300 | 42-1108    |
| 12L  | 270 | 280 | 310 | 330 | 42-1109    |
| 20L  | 270 | 280 | 400 | 420 | 42-1110    |

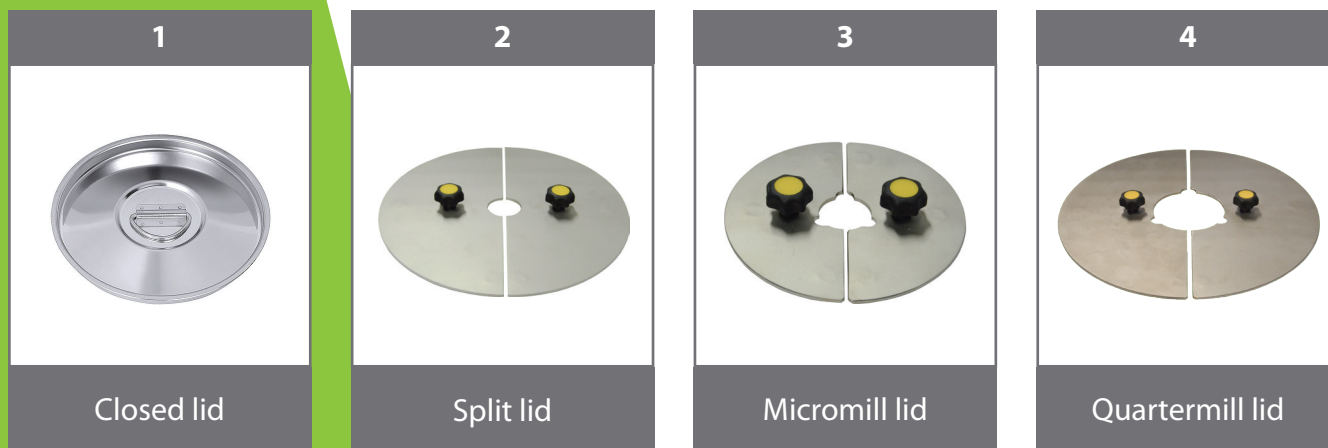


Jacketed vessel



Single walled vessel

## Lids & Accessoires



| Type vessel | Volume | Closed lid | Split lid | Micromill lid | Quartermill lid |
|-------------|--------|------------|-----------|---------------|-----------------|
| B           | 0,5L   | 42-1132    | 42-1042   | -             | -               |
|             | 1L     | 42-1133    | 42-1049   | 42-1089       | -               |
|             | 2L     | 42-1134    | 42-1043   | 42-1090       | -               |
|             | 3L     | 42-1135    | 42-1053   | 42-1117       | -               |
| A, B, C, D  | 5L     | 42-1136    | 42-1044   | -             | 42-1149         |
|             | 8L     | 42-1137    | 42-1071   | -             | 42-1126         |
|             | 15L    | 42-1138    | 42-1087   | -             | -               |
|             | 20L    | 42-1139    | 42-1065   | -             | -               |
|             | 50L    | 42-1140    | 42-1088   | -             | -               |
| E           | 0,5L   | -          | -         | -             | -               |
|             | 1L     | 42-1037    | 42-1141   | -             | -               |
|             | 2L     | 42-1038    | 42-1142   | -             | -               |
|             | 3L     | 42-1046    | 42-1143   | -             | -               |
|             | 5L     | 42-1039    | 42-1144   | -             | -               |
|             | 8L     | 42-1031    | 42-1145   | -             | -               |
| F, G, H     | 10L    | 42-1100    | 42-1131   | -             | -               |
|             | 12L    | 42-1021    | 42-1146   | -             | -               |
|             | 15L    | 42-1018    | 42-1147   | -             | -               |
|             | 20L    | 42-1047    | 42-1148   | -             | -               |



ACCESSOIRES



Dolly

| Vessel vol. | Order nr. |
|-------------|-----------|
| 25L         | 42-1112   |
| 30L         | 42-1112   |
| 50L         | 42-1113   |
| 75L         | 42-1114   |
| 100L        | 42-1115   |
| 150L        | 42-1116   |



Disposable PP cups 150ml

| Pieces | Order nr. |
|--------|-----------|
| 1000   | 42-1111   |



Adaptor for PP cups  
(customized size adaptor on request)

| Pieces | Order nr. |
|--------|-----------|
| 1      | 42-1059   |