

Positive hole conversion table MAS-100 Perforated lid with 300 holes

r = Number of colony forming units counted on target plate

Pr = Statistically most probable number of CFUs

| r | Pr | r | Pr | r | Pr | r | Pr | r | Pr | r | Pr |
|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|
| 1 | 1 | 51 | 56 | 101 | 123 | 151 | 209 | 201 | 332 | 251 | 541 |
| 2 | 2 | 52 | 57 | 102 | 124 | 152 | 211 | 202 | 335 | 252 | 547 |
| 3 | 3 | 53 | 58 | 103 | 126 | 153 | 213 | 203 | 338 | 253 | 553 |
| 4 | 4 | 54 | 59 | 104 | 127 | 154 | 216 | 204 | 341 | 254 | 560 |
| 5 | 5 | 55 | 61 | 105 | 129 | 155 | 218 | 205 | 344 | 255 | 566 |
| 6 | 6 | 56 | 62 | 106 | 131 | 156 | 220 | 206 | 347 | 256 | 573 |
| 7 | 7 | 57 | 63 | 107 | 132 | 157 | 222 | 207 | 350 | 257 | 580 |
| 8 | 8 | 58 | 64 | 108 | 134 | 158 | 224 | 208 | 353 | 258 | 587 |
| 9 | 9 | 59 | 66 | 109 | 135 | 159 | 226 | 209 | 357 | 259 | 594 |
| 10 | 10 | 60 | 67 | 110 | 137 | 160 | 228 | 210 | 360 | 260 | 601 |
| 11 | 11 | 61 | 68 | 111 | 138 | 161 | 230 | 211 | 363 | 261 | 609 |
| 12 | 12 | 62 | 69 | 112 | 140 | 162 | 232 | 212 | 367 | 262 | 616 |
| 13 | 13 | 63 | 71 | 113 | 142 | 163 | 235 | 213 | 370 | 263 | 624 |
| 14 | 14 | 64 | 72 | 114 | 143 | 164 | 237 | 214 | 374 | 264 | 632 |
| 15 | 15 | 65 | 73 | 115 | 145 | 165 | 239 | 215 | 377 | 265 | 641 |
| 16 | 16 | 66 | 74 | 116 | 146 | 166 | 241 | 216 | 381 | 266 | 649 |
| 17 | 17 | 67 | 76 | 117 | 148 | 167 | 243 | 217 | 384 | 267 | 658 |
| 18 | 19 | 68 | 77 | 118 | 150 | 168 | 246 | 218 | 388 | 268 | 667 |
| 19 | 20 | 69 | 78 | 119 | 151 | 169 | 248 | 219 | 391 | 269 | 677 |
| 20 | 21 | 70 | 80 | 120 | 153 | 170 | 250 | 220 | 395 | 270 | 686 |
| 21 | 22 | 71 | 81 | 121 | 155 | 171 | 253 | 221 | 399 | 271 | 696 |
| 22 | 23 | 72 | 82 | 122 | 156 | 172 | 255 | 222 | 403 | 272 | 707 |
| 23 | 24 | 73 | 83 | 123 | 158 | 173 | 257 | 223 | 407 | 273 | 717 |
| 24 | 25 | 74 | 85 | 124 | 160 | 174 | 260 | 224 | 410 | 274 | 728 |
| 25 | 26 | 75 | 86 | 125 | 161 | 175 | 262 | 225 | 414 | 275 | 740 |
| 26 | 27 | 76 | 87 | 126 | 163 | 176 | 264 | 226 | 418 | 276 | 752 |
| 27 | 28 | 77 | 89 | 127 | 165 | 177 | 267 | 227 | 422 | 277 | 765 |
| 28 | 29 | 78 | 90 | 128 | 167 | 178 | 269 | 228 | 427 | 278 | 778 |
| 29 | 30 | 79 | 92 | 129 | 168 | 179 | 272 | 229 | 431 | 279 | 791 |
| 30 | 32 | 80 | 93 | 130 | 170 | 180 | 274 | 230 | 435 | 280 | 805 |
| 31 | 33 | 81 | 94 | 131 | 172 | 181 | 277 | 231 | 439 | 281 | 820 |
| 32 | 34 | 82 | 96 | 132 | 174 | 182 | 279 | 232 | 444 | 282 | 836 |
| 33 | 35 | 83 | 97 | 133 | 175 | 183 | 282 | 233 | 448 | 283 | 853 |
| 34 | 36 | 84 | 98 | 134 | 177 | 184 | 284 | 234 | 452 | 284 | 871 |
| 35 | 37 | 85 | 100 | 135 | 179 | 185 | 287 | 235 | 457 | 285 | 889 |
| 36 | 38 | 86 | 101 | 136 | 181 | 186 | 289 | 236 | 462 | 286 | 909 |
| 37 | 39 | 87 | 103 | 137 | 183 | 187 | 292 | 237 | 466 | 287 | 931 |
| 38 | 41 | 88 | 104 | 138 | 184 | 188 | 295 | 238 | 471 | 288 | 954 |
| 39 | 42 | 89 | 105 | 139 | 186 | 189 | 297 | 239 | 476 | 289 | 979 |
| 40 | 43 | 90 | 107 | 140 | 188 | 190 | 300 | 240 | 481 | 290 | 1006 |
| 41 | 44 | 91 | 108 | 141 | 190 | 191 | 303 | 241 | 486 | 291 | 1036 |
| 42 | 45 | 92 | 110 | 142 | 192 | 192 | 306 | 242 | 491 | 292 | 1069 |
| 43 | 46 | 93 | 111 | 143 | 194 | 193 | 308 | 243 | 496 | 293 | 1107 |
| 44 | 47 | 94 | 113 | 144 | 196 | 194 | 311 | 244 | 501 | 294 | 1150 |
| 45 | 49 | 95 | 114 | 145 | 198 | 195 | 314 | 245 | 507 | 295 | 1200 |
| 46 | 50 | 96 | 115 | 146 | 200 | 196 | 317 | 246 | 512 | 296 | 1260 |
| 47 | 51 | 97 | 117 | 147 | 202 | 197 | 320 | 247 | 518 | 297 | 1335 |
| 48 | 52 | 98 | 118 | 148 | 203 | 198 | 323 | 248 | 523 | 298 | 1435 |
| 49 | 53 | 99 | 120 | 149 | 205 | 199 | 326 | 249 | 529 | 299 | 1585 |
| 50 | 55 | 100 | 121 | 150 | 207 | 200 | 329 | 250 | 535 | 300 | 1885 |

For further information please consult the user manual of your instrument



AIR. NOTHING ELSE.

Positive hole conversion table MAS-100 Perforated lid with 400 holes

r = Number of colony forming units counted on target plate **Pr** = Statistically most probable number of CFUs

| r | Pr | r | Pr | r | Pr | r | Pr | r | Pr | r | Pr | r | Pr | r | Pr |
|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 1 | 1 | 51 | 54 | 101 | 116 | 151 | 189 | 201 | 279 | 251 | 394 | 301 | 557 | 351 | 836 |
| 2 | 2 | 52 | 56 | 102 | 118 | 152 | 191 | 202 | 281 | 252 | 397 | 302 | 561 | 352 | 844 |
| 3 | 3 | 53 | 57 | 103 | 119 | 153 | 193 | 203 | 283 | 253 | 400 | 303 | 565 | 353 | 853 |
| 4 | 4 | 54 | 58 | 104 | 120 | 154 | 194 | 204 | 285 | 254 | 402 | 304 | 569 | 354 | 861 |
| 5 | 5 | 55 | 59 | 105 | 122 | 155 | 196 | 205 | 287 | 255 | 405 | 305 | 573 | 355 | 870 |
| 6 | 6 | 56 | 60 | 106 | 123 | 156 | 197 | 206 | 289 | 256 | 408 | 306 | 578 | 356 | 879 |
| 7 | 7 | 57 | 61 | 107 | 124 | 157 | 199 | 207 | 291 | 257 | 411 | 307 | 582 | 357 | 888 |
| 8 | 8 | 58 | 63 | 108 | 126 | 158 | 201 | 208 | 293 | 258 | 413 | 308 | 586 | 358 | 897 |
| 9 | 9 | 59 | 64 | 109 | 127 | 159 | 202 | 209 | 295 | 259 | 416 | 309 | 591 | 359 | 907 |
| 10 | 10 | 60 | 65 | 110 | 128 | 160 | 204 | 210 | 297 | 260 | 419 | 310 | 595 | 360 | 917 |
| 11 | 11 | 61 | 66 | 111 | 130 | 161 | 206 | 211 | 299 | 261 | 422 | 311 | 599 | 361 | 927 |
| 12 | 12 | 62 | 67 | 112 | 131 | 162 | 207 | 212 | 301 | 262 | 425 | 312 | 604 | 362 | 937 |
| 13 | 13 | 63 | 68 | 113 | 133 | 163 | 209 | 213 | 304 | 263 | 428 | 313 | 608 | 363 | 947 |
| 14 | 14 | 64 | 70 | 114 | 134 | 164 | 211 | 214 | 306 | 264 | 431 | 314 | 613 | 364 | 958 |
| 15 | 15 | 65 | 71 | 115 | 135 | 165 | 212 | 215 | 308 | 265 | 433 | 315 | 618 | 365 | 969 |
| 16 | 16 | 66 | 72 | 116 | 137 | 166 | 214 | 216 | 310 | 266 | 436 | 316 | 622 | 366 | 981 |
| 17 | 17 | 67 | 73 | 117 | 138 | 167 | 216 | 217 | 312 | 267 | 439 | 317 | 627 | 367 | 992 |
| 18 | 18 | 68 | 74 | 118 | 140 | 168 | 218 | 218 | 314 | 268 | 442 | 318 | 632 | 368 | 1005 |
| 19 | 19 | 69 | 76 | 119 | 141 | 169 | 219 | 219 | 317 | 269 | 445 | 319 | 637 | 369 | 1017 |
| 20 | 20 | 70 | 77 | 120 | 142 | 170 | 221 | 220 | 319 | 270 | 449 | 320 | 642 | 370 | 1030 |
| 21 | 22 | 71 | 78 | 121 | 144 | 171 | 223 | 221 | 321 | 271 | 452 | 321 | 647 | 371 | 1043 |
| 22 | 23 | 72 | 79 | 122 | 145 | 172 | 224 | 222 | 323 | 272 | 455 | 322 | 652 | 372 | 1057 |
| 23 | 24 | 73 | 80 | 123 | 147 | 173 | 226 | 223 | 325 | 273 | 458 | 323 | 657 | 373 | 1071 |
| 24 | 25 | 74 | 82 | 124 | 148 | 174 | 228 | 224 | 328 | 274 | 461 | 324 | 662 | 374 | 1086 |
| 25 | 26 | 75 | 83 | 125 | 150 | 175 | 230 | 225 | 330 | 275 | 464 | 325 | 667 | 375 | 1102 |
| 26 | 27 | 76 | 84 | 126 | 151 | 176 | 232 | 226 | 332 | 276 | 467 | 326 | 673 | 376 | 1118 |
| 27 | 28 | 77 | 85 | 127 | 153 | 177 | 233 | 227 | 335 | 277 | 471 | 327 | 678 | 377 | 1134 |
| 28 | 29 | 78 | 87 | 128 | 154 | 178 | 235 | 228 | 337 | 278 | 474 | 328 | 684 | 378 | 1152 |
| 29 | 30 | 79 | 88 | 129 | 156 | 179 | 237 | 229 | 339 | 279 | 477 | 329 | 689 | 379 | 1170 |
| 30 | 31 | 80 | 89 | 130 | 157 | 180 | 239 | 230 | 342 | 280 | 480 | 330 | 695 | 380 | 1189 |
| 31 | 32 | 81 | 90 | 131 | 158 | 181 | 241 | 231 | 344 | 281 | 484 | 331 | 701 | 381 | 1209 |
| 32 | 33 | 82 | 92 | 132 | 160 | 182 | 242 | 232 | 346 | 282 | 487 | 332 | 706 | 382 | 1230 |
| 33 | 34 | 83 | 93 | 133 | 161 | 183 | 244 | 233 | 349 | 283 | 491 | 333 | 712 | 383 | 1252 |
| 34 | 35 | 84 | 94 | 134 | 163 | 184 | 246 | 234 | 351 | 284 | 494 | 334 | 718 | 384 | 1276 |
| 35 | 37 | 85 | 95 | 135 | 164 | 185 | 248 | 235 | 353 | 285 | 497 | 335 | 724 | 385 | 1301 |
| 36 | 38 | 86 | 97 | 136 | 166 | 186 | 250 | 236 | 356 | 286 | 501 | 336 | 730 | 386 | 1327 |
| 37 | 39 | 87 | 98 | 137 | 167 | 187 | 252 | 237 | 358 | 287 | 504 | 337 | 737 | 387 | 1356 |
| 38 | 40 | 88 | 99 | 138 | 169 | 188 | 254 | 238 | 361 | 288 | 508 | 338 | 743 | 388 | 1387 |
| 39 | 41 | 89 | 101 | 139 | 171 | 189 | 255 | 239 | 363 | 289 | 511 | 339 | 749 | 389 | 1420 |
| 40 | 42 | 90 | 102 | 140 | 172 | 190 | 257 | 240 | 366 | 290 | 515 | 340 | 756 | 390 | 1456 |
| 41 | 43 | 91 | 103 | 141 | 174 | 191 | 259 | 241 | 368 | 291 | 519 | 341 | 763 | 391 | 1496 |
| 42 | 44 | 92 | 104 | 142 | 175 | 192 | 261 | 242 | 371 | 292 | 522 | 342 | 769 | 392 | 1541 |
| 43 | 45 | 93 | 106 | 143 | 177 | 193 | 263 | 243 | 373 | 293 | 526 | 343 | 776 | 393 | 1591 |
| 44 | 47 | 94 | 107 | 144 | 178 | 194 | 265 | 244 | 376 | 294 | 530 | 344 | 783 | 394 | 1648 |
| 45 | 48 | 95 | 108 | 145 | 180 | 195 | 267 | 245 | 378 | 295 | 534 | 345 | 791 | 395 | 1715 |
| 46 | 49 | 96 | 110 | 146 | 181 | 196 | 269 | 246 | 381 | 296 | 537 | 346 | 798 | 396 | 1795 |
| 47 | 50 | 97 | 111 | 147 | 183 | 197 | 271 | 247 | 384 | 297 | 541 | 347 | 805 | 397 | 1895 |
| 48 | 51 | 98 | 112 | 148 | 185 | 198 | 273 | 248 | 386 | 298 | 545 | 348 | 813 | 398 | 2028 |
| 49 | 52 | 99 | 114 | 149 | 186 | 199 | 275 | 249 | 389 | 299 | 549 | 349 | 820 | 399 | 2228 |
| 50 | 53 | 100 | 115 | 150 | 188 | 200 | 277 | 250 | 391 | 300 | 553 | 350 | 828 | 400 | 2628 |

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