

| Machine / Device                | Schleuniger PullTester 20   | Schleuniger PullTester 25   | Schleuniger PullTester 26   | Schleuniger PullTester 26T   | Schleuniger PullTester 320   | Schleuniger PullTester 325   | Schleuniger PullTester 326   | Schleuniger PullTester 327   | Schleuniger PullTester 28  |   |
|---------------------------------|---|---|---|--|--|--|--|--|--|---|
| Internet Link                   | <a href="http://www.schleuniger.com">www.schleuniger.com</a>  | <a href="http://www.schleuniger.com">www.schleuniger.com</a>  | <a href="http://www.schleuniger.com">www.schleuniger.com</a>  | <a href="http://www.schleuniger.com">www.schleuniger.com</a>   | <a href="http://www.schleuniger.com">www.schleuniger.com</a>                                 | <a href="http://www.schleuniger.com">www.schleuniger.com</a>   | <a href="http://www.schleuniger.com">www.schleuniger.com</a>                                 | <a href="http://www.schleuniger.com">www.schleuniger.com</a>   | <a href="http://www.schleuniger.com">www.schleuniger.com</a>                                       |   |
|                                 |   |   |   |  |  |  |  |  |  |   |
| <b>Functions / Features</b>     |   |   |   |  |  |  |  |  |  |   |
| Machine Part Number             | CXM-PT20-25<br>CXM-PT20-50  | CXM-PT25-25<br>CXM-PT25-50  | CXM-PT26  | 489855   | 445078   | CXM-PT325-25<br>CXM-PT325-50   | CXM-PT326  | CXM-PT27-25<br>CXM-PT27-50<br>CXM-PT27-10-25<br>CXM-PT27-10-50   | CXM-PT28<br>CXM-PT28-10  |   |
| Supplier Part Number            | CXM-PT20-25<br>CXM-PT20-50  | CXM-PT25-25<br>CXM-PT25-50  | CXM-PT26  | 20001038   | 20001002   | CXM-PT325-25<br>CXM-PT325-50   | CXM-PT326  | CXM-PT27-25<br>CXM-PT27-50<br>CXM-PT27-10-25<br>CXM-PT27-10-50   | CXM-PT28<br>CXM-PT28-10  |   |
| <b>Pull Concept</b>             |   |   |   |  |  |  |  |  |  |   |
| Pull Method                     | Motorized<br>Ball Screw   | Motorized<br>Ball Screw   | Motorized<br>Ball Screw   | Motorized<br>Ball Screw  | Motorized<br>Ball Screw  | Motorized<br>Ball Screw  | Motorized<br>Ball Screw  | Motorized<br>Ball Screw  | Motorized<br>Ball Screw  |   |
| Drive Method                    | Ball Screw  | Ball Screw  | Ball Screw  | Ball Screw   | Ball Screw   | Ball Screw   | Ball Screw   | Ball Screw   | Ball Screw   |   |
| Range                           | 0 – 500 N<br>(0 – 100 lbs.)   | 0 – 500 N<br>(0 – 110 lbs.)<br>0 – 1000 N<br>(0 – 220 lbs.)   | 0 – 500 N<br>(0 – 110 lbs.)<br>0 – 1000 N<br>(0 – 220 lbs.)   | 0 – 200 N<br>(0 – 45 lbs.)<br>0 – 1000 N<br>(0 – 220 lbs.)   | 0 – 100 N<br>(0 – 22 lbs.)<br>0 – 1000 N<br>(0 – 220 lbs.)                                   | 0 – 200 N<br>(0 – 45 lbs.)<br>0 – 1000 N<br>(0 – 220 lbs.)   | 0 – 200 N<br>(0 – 45 lbs.)<br>0 – 1000 N<br>(0 – 220 lbs.)                                   | 0 – 200 N<br>(0 – 45 lbs.)<br>0 – 1000 N<br>(0 – 220 lbs.)   | 0 – 2000 N<br>(0 – 440 lbs.)<br>0 – 5000 N<br>(0 – 1100 lbs.)<br>0 – 2000 N<br>(0 – 440 lbs.)      | 0 – 2000 N<br>(0 – 440 lbs.)<br>0 – 5000 N<br>(0 – 1100 lbs.)<br>0 – 10000 N<br>(0 – 2200 lbs.) |
| Applied Force Accuracy          | 0.5 % of full scale<br>(± 2.5 N or 0.56 lbs.)   | 0.5 % of full scale<br>(500 N / 110 lbs.: ± 2.5N/ 0.56 lbs. or<br>1000 N / 220 lbs.: ± 5 N / 1.12 lbs.)                     | 0.5 % of full scale<br>(500 N / 110 lbs.: ± 2.5N/ 0.56 lbs. or<br>1000 N / 220 lbs.: ± 5 N / 1.12 lbs.) | ± 0.5 % (0-200 N)<br>± 0.5 % (0-1000 N)  | ± 0.5 % of measurement range   | ± 0.5 % of measurement range   | ± 0.5 % of measurement range   | ± 0.5 % of measurement range   | 0.5 % of full scale  | 0.5 % of full scale   |
| Resolution                      | 0.25 N (0...500 N)  | 0.25 N (0...500 N)<br>0.5 N (0...1000 N)  | 0.25 N (0...500 N)<br>0.5 N (0...1000 N)  | ± 0.015 N (0-200 N)<br>± 0.030 N (0-1000 N)  | 0.1 N (0...200 N)<br>0.5 N (0...1000 N)<br>1 N (0...2000 N)                                  | 0.1 N (0...200 N)<br>0.5 N (0...1000 N)<br>1 N (0...2000 N)  | 0.1 N (0...200 N)<br>0.5 N (0...1000 N)<br>1 N (0...2000 N)                                  | 1 N (0...2 kN)<br>2.5 N (0...5 kN)<br>5 N (0...10 kN)  | 0.1 N (0...200 N)<br>0.5 N (0...1000 N)<br>1 N (0...2000 N)<br>2.5 N (0...5 kN)<br>5 N (0...10 kN) |   |
| Units of Measure                | N, Kp, lbs.   | N, Kp, lbs.   | N, Kp, lbs.   | N, Kp, lbs.  | N, Kp, lbs.  | N, Kp, lbs.  | N, Kp, lbs.  | N, Kp, lbs.  | N, Kp, lbs.  |   |
| Speed                           | 25 or 50 mm/min<br>(0.98 or 1.97"/min) for PullTester 20-25<br>50 or 100 mm/min (1.97 or 3.97"/min) for<br>PullTester 20-50 | 25 or 50 mm/min<br>(0.98 or 1.97"/min) for PullTester 25-25<br>50 or 100 mm/min (1.97 or 3.97"/min) for<br>PullTester 25-50 | 4 speeds:<br>25, 50, 100 mm/min, or high speed.<br>(0.98, 1.97, 3.94"/min,<br>or high speed)            | 4 speeds:<br>25, 50, 100 and 200 mm/min.<br>(0.98, 1.97, 3.94 and 7.87"/min.)                            | 4 speeds:<br>25, 50, 100 mm/min, or high speed. (0.98,<br>1.97, 3.94"/min,<br>or high speed) | Variable 2 speeds:<br>25 & 50 mm/min.<br>(0.98 & 1.97"/min.)<br>or 50 & 100 mm/min.(1.97 & 3.94"/min.) | 4 speeds:<br>25, 50, 100 mm/min, or high speed.<br>(0.98, 1.97, 3.94"/min,<br>or high speed) | 4 speeds:<br>25 or 50 mm/min<br>(0.98 or 1.97"/min) for<br>PullTester 27-25 &<br>PullTester 27-10-25<br>50 or 100 mm/min (1.97 or 3.97"/min) for<br>PullTester 27-50 & PullTester 27-10-50 | 4 speeds:<br>50, 75, 100 mm/min, or high speed<br>(1.97, 2.95, 3.94"/min, or high speed)           |   |
| Stroke                          | 48 mm (1.89")   | 43 mm (1.69")   | 43 mm (1.69")   | 43 mm (1.69")  | 43 mm (1.69")  | 43 mm (1.69")  | 60 mm (2.36")  | 80 mm (3.14")  | 80 mm (3.14")  |   |
| <b>Pulling Modes</b>            |   |   |   |  |  |  |  |  |  |   |
| Pull & Break                    | ✓   | ✓   | ✓   | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  |   |
| Pull & Return                   | ✓   | ✓   | ✓   | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  |   |
| Pull & Hold                     | ✓   | ✓   | ✓   | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  |   |
| Pull & Hold & Break             | ✓   | ✓   | ✓   | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  |   |
| Cyclic                          | ✗   | ✗   | ✗   | ✗  | ✗  | ✗  | ✗  | ✗  | ✗  |   |
| Display                         | LCD 4 - digit   | LCD 6-digit   | Upper: LCD 6-digit for force readings<br>Lower: LCD 4-digit for programming and<br>operation            | 7" color touchscreen displays pull-off curve<br>in real time, easily enter data and<br>measurement tasks | CST HMI  | LCD 6-digit  | Upper: LCD 6-digit for force readings<br>Lower: LCD 4-digit for programming and<br>operation | LCD 6-digit  | Upper: LCD 6-digit for force readings<br>Lower: LCD 4-digit for programming and<br>operation       |   |
| Device Data Memory              | ✗   | ✗   | Up to 48 jobs with 50 measurements<br>(2400 measurements)   | 8 GB µSD for plenty of<br>pull-off values, pull-off curves, statistics,<br>jobs and measurements         | ✗  | ✗  | Up to 48 jobs with 50 measurements<br>(2400 measurements)                                    | ✗  | Up to 48 jobs with 50 measurements<br>(2400 measurements)  |   |
| Application                     | Bench or CST  | Bench or CST  | Bench   | Bench  | CST  | Bench  | Bench  | Bench  | Bench  |   |
| Monitoring                      | WinCrimp or EASY  | WinCrimp or EASY  | WinCrimp  | WinCrimp 8.0 *   | EASY 4.3 or higher   | WinCrimp   | WinCrimp   | WinCrimp   | WinCrimp   |   |
| <b>Interfaces &amp; Network</b> |   |   |   |  |  |  |  |  |  |   |
| RS 232                          | ✓   | ✓   | ✓   | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  |   |
| Ethernet                        | PT 20-TCP Version   | ✓   | ✓   | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  |   |
| Network                         | ✓   | ✓   | ✓   | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  |   |
| Wi-Fi                           | ✗   | ✗   | ✗   | ✗  | ✗  | ✗  | ✗  | ✗  | ✗  |   |
| Print Capabilities              | RS 232  | RS 232  | RS 232  | RS 232   | RS 232   | RS 232   | RS 232   | RS 232   | RS 232   |   |
| Operating Temperature           | 0 – 50°C<br>(32 – 120 °F)   | 0 – 50°C<br>(32 – 120 °F)   | 0 – 50°C<br>(32 – 120 °F)   | 0 – 50°C<br>(32 – 120 °F)  | 0 – 50°C<br>(32 – 120 °F)  | 0 – 50°C<br>(32 – 120 °F)  | 0 – 50°C<br>(32 – 120 °F)  | 0 – 50°C<br>(32 – 120 °F)  | 0 – 50°C<br>(32 – 120 °F)  |   |
| Setting Protection              | IP 20   | IP 20   | IP 20   | IP 20  | IP 20  | IP 20  | IP 20  | IP 20  | IP 20  |   |
| <b>Dimension &amp; Weight</b>   |   |   |   |  |  |  |  |  |  |   |
| L x W x H                       | 340 x 185 x 140 mm (13.4 x 7.3 x 5.5")  | 405 x 205 x 130 mm<br>(16 x 8 x 5")   | 405 x 205 x 130 mm<br>(16 x 8 x 5")   | 405 x 205 x 130 mm<br>(16 x 8 x 5")  | 205 x 240 x 330 mm<br>(8 x 9.4 x 13")  | 250 x 130 x 410 mm<br>(10 x 5 x 16")   | 250 x 130 x 410 mm<br>(10 x 5 x 16")   | 640 x 400 x 300 mm<br>(25 x 16 x 12")  | 640 x 400 x 300 mm<br>(25 x 16 x 12")  |   |
| Net weight                      | 5 kg (11 lbs.)  | 8 kg (18 lbs.)  | 8 kg (18 lbs.)  | 8 kg (18 lbs.)   | 7 kg (15 lbs.)   | 11 kg (24 lbs.)  | 11 kg (24 lbs.)  | 45 kg (101 lbs.)   | 45 kg (101 lbs.)   |   |
| <b>Consumption</b>              |   |   |   |  |  |  |  |  |  |   |
| Power supply                    | 24 VDC  | 24 VDC  | 24 VDC  | 24 VDC   | 24 VDC   | 24 VDC   | 24 VDC   | 110 - 240 VAC  | 110 - 240 VAC  |   |
| Power consumption               | N/A   | N/A   | N/A   | N/A  | N/A  | N/A  | N/A  | N/A  | N/A  |   |
| Frequency                       | N/A   | N/A   | N/A   | N/A  | N/A  | N/A  | N/A  | N/A  | N/A  |   |
| Compressed air required         | ✗   | ✗   | ✗   | ✗  | ✗  | ✗  | ✗  | ✗  | ✗  |   |
| Distributor Price               | 2096.50 EUR   | 3717.00 EUR   | 5473.00 EUR   | 4743.00 EUR  | 2996.25 EUR  | 5216.25 EUR  | 7453.50 EUR  | 6857.25 EUR<br>10'666.50 EUR   | 9909.00 EUR<br>13'345.50 EUR   |   |
| Enduser Price                   | 2995.00 EUR   | 4956.00 EUR   | 7298.00 EUR   | 6324.11 EUR  | 3995.00 EUR  | 6955.00 EUR  | 9938.00 EUR  | 9'143.00 EUR<br>14'222.00 EUR  | 9'143.00 EUR<br>14'222.00 EUR  |   |

\* not released yet