

X-Rite MeasureTool 5

- FOGRA Media Wedge -

Quick Report

Proofer:
Rendering Intent:
Paper:
RIP:

Michael Sartakov at <http://rudtp.pp.ru>

Process
Paper
Grammage
Dot gain CMY 40 %

Offset
Paper types 1,2
115 g/m2
13%

Printing condition:

commercial printing, paper type 1 or 2, i.e. gl. or matt coated art, 115 g/m2, positive-acting plates, periodic screen 60/cm, solids and TVI according to "ProzessStandard Offsetdruck" and ISO/DIS 12647-2:2004/(Amd 1, 2007)

Measurement conditions:

ISO 13655: CIELAB, geometry 0/45 or 45/0, 2 observer, D50, white backing

Summary:

| Category | Check for | Actual value | Result |
|---------------------------------------|-----------|--------------|--------|
| Paper white dE | <=3.00 | 0.77 | OK |
| Average dE | <=3.00 | 1.19 | OK |
| Max dE | <=6.00 | 3.71 | OK |
| Primary C dE | <=4.00 | 2.16 | OK |
| Primary M dE | <=4.00 | 2.51 | OK |
| Primary Y dE | <=4.00 | 2.44 | OK |
| Primary K dE | <=4.00 | 0.77 | OK |
| Outer gamut patches Average dE | <=4.00 | 1.09 | OK |
| ISO 12642-2 patches Average dE | <=4.00 | 1.19 | OK |
| ISO 12642-2 patches 95% Percentile dE | <=6.00 | 2.39 | OK |
| Primary C dH | <=2.50 | 1.42 | OK |
| Primary M dH | <=2.50 | 1.13 | OK |
| Primary Y dH | <=2.50 | 1.97 | OK |
| Primary K dH | <=2.50 | 0.00 | OK |
| Grey balance Average dH | <=1.50 | 0.49 | OK |

>> The analysed FOGRA media wedge measurement data IS within standard ! <<

MeasureTool 5, 12/18/13

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Patch Comparison:

| Patch Name | Ideal Lab L | Ideal Lab a | Ideal Lab b | Actual Lab L | Actual Lab a | Actual Lab b | Delta E |
|------------|-------------|-------------|-------------|--------------|--------------|--------------|---------|
| A1 | 55.00 | -37.00 | -50.00 | 54.66 | -34.92 | -49.55 | 2.16 |
| A2 | 24.00 | 22.00 | -46.00 | 23.44 | 22.05 | -46.67 | 0.87 |
| A3 | 23.00 | 0.00 | 0.00 | 23.22 | 0.30 | -1.07 | 1.13 |
| B1 | 66.86 | -24.73 | -37.10 | 66.78 | -23.61 | -36.93 | 1.13 |
| B2 | 40.88 | 17.88 | -36.58 | 40.75 | 17.35 | -35.40 | 1.30 |
| B3 | 38.53 | 6.58 | 3.87 | 39.30 | 6.63 | 2.86 | 1.27 |
| C1 | 79.72 | -12.53 | -21.75 | 79.83 | -12.48 | -21.54 | 0.25 |
| C2 | 63.69 | 10.33 | -23.76 | 62.73 | 10.98 | -23.67 | 1.17 |
| C3 | 61.53 | 5.42 | 3.75 | 61.75 | 5.59 | 3.08 | 0.72 |
| D1 | 87.68 | -5.78 | -11.80 | 87.87 | -5.99 | -11.60 | 0.35 |
| D2 | 79.43 | 5.10 | -13.64 | 78.68 | 5.15 | -13.21 | 0.87 |
| D3 | 78.14 | 2.87 | 0.93 | 78.62 | 3.05 | 0.24 | 0.86 |
| E1 | 91.48 | -2.97 | -6.96 | 91.63 | -2.85 | -7.02 | 0.20 |
| E2 | 87.17 | 2.62 | -8.14 | 86.12 | 2.55 | -7.97 | 1.06 |
| E3 | 86.56 | 1.46 | -0.67 | 86.92 | 1.66 | -0.89 | 0.47 |
| F1 | 48.00 | 74.00 | -3.00 | 49.38 | 72.17 | -4.04 | 2.51 |
| F2 | 47.00 | 68.00 | 48.00 | 47.62 | 64.37 | 47.54 | 3.71 |
| F3 | 53.08 | 37.72 | 28.91 | 54.08 | 37.48 | 28.08 | 1.33 |
| G1 | 60.84 | 50.59 | -6.74 | 61.44 | 50.61 | -7.44 | 0.92 |
| G2 | 58.50 | 47.10 | 37.88 | 58.54 | 45.90 | 36.04 | 2.19 |
| G3 | 41.55 | 22.73 | 16.76 | 42.63 | 22.33 | 15.55 | 1.67 |
| H1 | 76.42 | 25.78 | -6.91 | 76.66 | 25.91 | -7.39 | 0.55 |
| H2 | 74.18 | 22.92 | 21.37 | 74.12 | 22.96 | 19.73 | 1.64 |
| H3 | 31.92 | 39.95 | 23.98 | 32.21 | 40.47 | 23.28 | 0.92 |
| I1 | 86.18 | 12.01 | -5.21 | 86.57 | 12.44 | -5.25 | 0.58 |

| | | | | | | | |
|----|-------|--------|--------|-------|--------|--------|------|
| I2 | 85.00 | 10.00 | 9.79 | 84.87 | 9.66 | 9.26 | 0.65 |
| I3 | 32.54 | 44.45 | -1.80 | 33.43 | 45.63 | -2.96 | 1.88 |
| J1 | 90.67 | 5.90 | -3.86 | 90.61 | 5.40 | -4.20 | 0.61 |
| J2 | 89.99 | 4.75 | 3.71 | 89.43 | 4.22 | 3.35 | 0.85 |
| J3 | 51.28 | 1.27 | 44.50 | 52.38 | 0.92 | 43.75 | 1.38 |
| K1 | 89.00 | -5.00 | 93.00 | 88.62 | -6.88 | 91.50 | 2.44 |
| K2 | 50.00 | -65.00 | 27.00 | 50.29 | -64.77 | 25.33 | 1.71 |
| K3 | 34.56 | -36.44 | 13.86 | 35.31 | -36.20 | 12.36 | 1.69 |
| L1 | 90.34 | -4.70 | 62.56 | 89.53 | -6.33 | 62.92 | 1.85 |
| L2 | 62.13 | -39.82 | 21.01 | 62.34 | -37.90 | 19.66 | 2.36 |
| L3 | 35.95 | -26.19 | -20.86 | 37.03 | -26.19 | -21.62 | 1.32 |
| M1 | 92.19 | -3.47 | 31.15 | 91.64 | -4.70 | 30.70 | 1.42 |
| M2 | 76.97 | -19.06 | 11.03 | 77.91 | -18.45 | 9.28 | 2.08 |
| M3 | 20.92 | 9.58 | -23.65 | 21.34 | 10.08 | -24.31 | 0.93 |
| N1 | 93.62 | -1.62 | 13.27 | 93.06 | -2.88 | 12.32 | 1.68 |
| N2 | 86.34 | -8.38 | 4.18 | 86.69 | -8.14 | 3.42 | 0.87 |
| N3 | 71.22 | 18.85 | 17.25 | 71.84 | 19.21 | 15.64 | 1.76 |
| O1 | 94.34 | -0.94 | 5.42 | 93.82 | -2.32 | 4.56 | 1.71 |
| O2 | 90.79 | -4.15 | 0.89 | 91.08 | -4.22 | 0.42 | 0.56 |
| O3 | 71.24 | 22.15 | 73.08 | 71.90 | 21.33 | 72.41 | 1.25 |
| P1 | 88.97 | 0.00 | -1.85 | 89.46 | 0.28 | -2.20 | 0.67 |
| P2 | 88.54 | -0.38 | -3.13 | 88.90 | -0.32 | -3.30 | 0.40 |
| P3 | 47.74 | 71.20 | 16.24 | 49.17 | 68.83 | 14.97 | 3.04 |
| Q1 | 82.79 | 0.00 | -1.69 | 83.29 | 0.67 | -2.83 | 1.41 |
| Q2 | 81.95 | -0.89 | -4.10 | 82.22 | -0.25 | -4.69 | 0.91 |
| Q3 | 38.01 | 55.38 | -20.94 | 38.73 | 55.65 | -21.52 | 0.96 |
| R1 | 69.28 | 0.00 | -1.35 | 69.30 | 0.43 | -2.87 | 1.58 |
| R2 | 67.67 | -1.96 | -4.37 | 67.83 | -1.52 | -5.45 | 1.17 |
| R3 | 73.66 | -22.81 | 67.57 | 74.47 | -22.79 | 65.87 | 1.88 |
| S1 | 54.14 | 0.00 | -0.97 | 54.31 | -0.16 | -1.80 | 0.86 |
| S2 | 52.22 | -2.48 | -3.53 | 52.56 | -2.18 | -4.40 | 0.98 |
| S3 | 52.33 | -52.31 | -20.15 | 52.78 | -50.68 | -21.49 | 2.16 |
| T1 | 36.62 | 0.00 | -0.52 | 37.31 | 0.16 | -0.48 | 0.71 |
| T2 | 37.47 | -3.86 | -3.15 | 38.09 | -3.31 | -3.51 | 0.90 |
| T3 | 43.34 | -17.03 | -48.62 | 43.72 | -17.31 | -48.69 | 0.48 |
| U1 | 16.00 | 0.00 | 0.00 | 16.56 | -0.42 | -0.31 | 0.77 |
| U2 | 26.29 | -6.81 | -3.41 | 26.67 | -6.97 | -3.45 | 0.42 |
| U3 | 95.00 | 0.00 | -2.00 | 94.93 | -0.67 | -2.39 | 0.77 |
| V1 | 10.42 | 13.93 | 1.35 | 10.62 | 14.90 | 1.18 | 1.00 |
| V2 | 10.41 | -8.20 | -10.25 | 10.10 | -8.95 | -10.91 | 1.04 |
| V3 | 15.71 | -3.08 | 11.68 | 16.09 | -3.21 | 10.93 | 0.85 |
| W1 | 33.39 | 25.35 | 20.88 | 34.04 | 25.14 | 20.54 | 0.76 |

| | | | | | | | |
|----|-------|--------|--------|-------|--------|--------|------|
| W2 | 24.28 | 32.65 | 13.12 | 24.46 | 33.78 | 13.12 | 1.15 |
| W3 | 34.69 | 28.55 | -4.01 | 35.43 | 28.46 | -4.48 | 0.88 |
| X1 | 34.44 | -3.27 | 22.32 | 34.79 | -3.14 | 22.23 | 0.38 |
| X2 | 24.67 | -17.00 | 7.51 | 24.98 | -16.87 | 7.69 | 0.38 |
| X3 | 25.84 | -11.04 | -14.37 | 26.33 | -11.11 | -14.67 | 0.58 |