



# ARRIFLEX TECHNICAL NOTE P - 1002

## Timecode Sensitivity Table

### Summary

This note lists the Timecode Sensitivity (TCS) values for Kodak, Fuji and Agfa film stocks.

#### KODAK 35 mm

5222	B/W Negative	8
† 5224	B/W Reversal	8
5231	B/W Negative	8
† 5239	Color Reversal	6
† 5240	Color Reversal	5
5245	Color Negative	7
5247	Color Negative	6
5248	Color Negative	7
5277	Color Negative	5
5279	Color Negative	5
† 5287	Color Negative	6
5293	Color Negative	6
† 5294	Color Negative	5
† 5295	Color Negative	4
† 5296	Color Negative	5
5297	Color Negative	5
5298	Color Negative	5
5620	Color Negative	5

#### KODAK 16 mm

7222	B/W Negative	8
7231	B/W Negative	9
7239	Color Reversal	5
7240	Color Reversal	6
7245	Color Negative	6
7248	Color Negative	6
7250	Color Reversal	5
7251	Color Reversal	4
7276	B/W Reversal	*
7277	Color Negative	5
7278	B/W Reversal	*
7279	Color Negative	4
† 7287	Color Negative	6
† 7292	Color Negative	4
7293	Color Negative	5
† 7296	Color Negative	5
7297	Color Negative	6
† 7298	Color Negative	5
7620	Color Negative	6

#### FUJI 35 mm

† 8427	Color Reversal	6
† 8428	Color Reversal	6
† 8610	Color Negative	7
† 8620	Color Negative	6
8621	Color Negative	6
† 8630	Color Negative	6
8631	Color Negative	6
† 8650	Color Negative	5
8651	Color Negative	4
† 8660	Color Negative	5
8661	Color Negative	4
† 8670	Color Negative	5
† 8671	Color Negative	5

#### FUJI 16 mm

† 8510	Color Negative	7
† 8514	Color Negative	5
† 8520	Color Negative	5
8521	Color Negative	7
† 8530	Color Negative	6
8531	Color Negative	7
† 8550	Color Negative	4
8551	Color Negative	6
† 8560	Color Negative	6
8561	Color Negative	5
† 8570	Color Negative	6
† 8571	Color Negative	5

#### AGFA 35 mm

† PAN 250	B/W Negative	7
† XT 100	Color Negative	6
† XTR 250	Color Negative	5
† XTS 400	Color Negative	5

#### AGFA 16 mm

† PAN 250	B/W Negative	9
† XT 100	Color Negative	5
† XTR 250	Color Negative	5
† XTS 400	Color Negative	4

\* = Timecode exposure only possible with a modified exposure module due to film's poor red sensitivity.

† = Emulsion no longer available from the manufacturer.

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## **Operating Notes**

Timecode recording is possible at the standard speeds of 23.976, 24, 25, 29.97 and 30 fps.  
No Timecode will be recorded if a TCS of "0" is set.

## **Cross Reference**

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## **Article Change History**

August 8th, 1997      Article was created based on German TCS Table dated July 16th, 1997.

## **Keywords**

Timecode, Sensitivity, Exposure, 16SR 3, 535, 535B, 435

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