



# Kodak 320TXP - 21 °C

## Kodak 320TXP à EI 320/26°

<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
21 °C									<b>07.15</b>	<b>10.15</b>	
<b>ILFORD</b>	ID-11 pur	ID-11 1+1	ID-11 1+3	Microphen pur	Microphen 1+1	Microphen 1+3	Perceptol pur	Perceptol 1+1	Perceptol 1+3	Ilfotec LC29 1+9	Ilfotec LC29 1+19
21 °C	<b>08.15</b>	<b>11.45</b>									
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
21 °C	<b>08.15</b>	<b>11.45</b>		<b>06.45</b>			<b>09.30</b>				<b>04.15</b>
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
21 °C	<b>07.15</b>	<b>10.15</b>									
<b>MOERSCH</b>	Finol 1+1+50	Finol 1+1+75	Finol 1+1+100	Tanol 1+1+100	Tanol Speed 1+1+100						
21 °C			<b>18.30</b>								
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
21 °C	<b>08.00</b>	<b>10.30</b>									
<b>TETENAL</b>	Paranol S 1+25	Paranol S 1+50									
21 °C	<b>08.30</b>	<b>16.45</b>									

## Kodak 320TXP à EI 1250/32°

<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
21 °C									<b>12.30</b>		
<b>KODAK</b>	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
21 °C	<b>11.00</b>	<b>14.30</b>									
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
21 °C	<b>11.00</b>										

# Kodak 400TX - 21 °C

## Kodak 400TX à EI 100/21°

<b>ROLLEI</b>	RHS 1+7	RHS 1+9	RHS 1+15	RLS 1+4	RPX-D 1+5	RPX-D 1+11	Supergrain 1+9	Supergrain 1+12	Supergrain 1+15		
21 °C				<b>cf 24 °C</b>							
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
21 °C			<b>06.00</b>								



**Kodak 400TX à EI 320/26°**

<b>SPUR</b>	UFP 1+15	UFP 1+17	UFP 1+20	UFP 1+24	UFP 1+30	UFP 1+40	NHC 1+9	NHC 1+12	NHC 1+15	NHC 1+20	NHC 1+29
21 °C				<b>08.30</b>							
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
21 °C		<b>08.00</b>									

**Kodak 400TX à EI 400/27°**

<b>ADOX</b>	Adotech II 1+14	Adonal 1+25	Adonal 1+50	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
21 °C			<b>13.15</b>					<b>11.30</b>	<b>cf 22 °C</b>		
(suite)	Silvermax 1+17	Silvermax 1+19	Silvermax 1+24	Silvermax 1+29	Silvermax 1+30	Silvermax 1+100	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19	
21 °C		<b>11.30</b>						<b>07.30</b>			
<b>AGFA</b>	Refinal	Rodinal 1+25	Rodinal 1+50	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
21 °C			<b>13.15</b>						<b>cf 22 °C</b>		
<b>ARS-IMAGO</b>	FD 1+19	FD 1+39	FD 1+59								
21 °C		<b>cf 20 °C</b>									
<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
21 °C			<b>03.00</b>								
<b>BERGGER</b>	BerSpeed pur	BerSpeed 1+1		PMK 1+2+100		BER49 pur	BER49 1+1				
21 °C		<b>10.15</b>									
<b>CLAYTON</b>	F60 1+9	F60 1+14	F60 1+19	F76 plus 1+9	F76 plus 1+14	F76 plus 1+19					
21 °C	<b>06.00</b>			<b>06.00</b>							
<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
21 °C			<b>13.15</b>			<b>14.15</b>		<b>07.15</b>	<b>06.15</b>	<b>08.30</b>	<b>10.30</b>
(suite)	Fomadon P 1+1		Retro Special pur								
21 °C	<b>13.15</b>										
<b>ILFORD</b>	ID-11 pur	ID-11 1+1	ID-11 1+3	Microphen pur	Microphen 1+1	Microphen 1+3	Perceptol pur	Perceptol 1+1	Perceptol 1+3	Ilfotec LC29 1+9	Ilfotec LC29 1+19
21 °C	<b>06.15</b>	<b>09.00</b>								<b>03.30</b>	<b>06.15</b>
(suite)	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14			
21 °C		<b>07.45</b>	<b>03.30</b>	<b>06.15</b>	<b>09.30</b>		<b>07.15</b>	<b>11.30</b>			
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
21 °C	<b>06.15</b>	<b>09.00</b>		<b>05.45</b>			<b>08.45</b>		<b>16.00</b>		<b>03.30</b>
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
21 °C	<b>06.15</b>	<b>08.30</b>			<b>05.30</b>	<b>05.45</b>					
<b>PATERSON</b>	Acutol 1+9	Acutol 1+10	Aculux3 1+5	Aculux3 1+9	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19			
21 °C				<b>10.00</b>		<b>07.30</b>					
<b>ROLLEI</b>	RHS 1+7	RHS 1+9	RHS 1+15	RLS 1+4	RPX-D 1+5	RPX-D 1+11	Supergrain 1+9	Supergrain 1+12	Supergrain 1+15		
21 °C							<b>05.45</b>	<b>06.45</b>	<b>07.15</b>		
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								

21 °C	07.15	09.00	12.30								
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plu s 1+4	Emofin		Neofin Blau 1+16	
21 °C							07.45				
(suite)	Paranol S 1+25	Paranol S 1+50									
21 °C	08.30	16.45									

**Kodak 400TX à EI 640/29°**

<b>ILFORD</b>	ID-11 pur	ID-11 1+1	ID-11 1+3	Microphen pur	Microphen 1+1	Microphen 1+3	Perceptol pur	Perceptol 1+1	Perceptol 1+3	Ifotec LC29 1+9	Ifotec LC29 1+19
21 °C				07.45							
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
21 °C		11.30									

**Kodak 400TX à EI 800/30°**

<b>ARS-IMAGO</b>	FD 1+19	FD 1+39	FD 1+59								
21 °C		cf 20 °C									
<b>BERGGER</b>	BerSpeed pur	BerSpeed 1+1		PMK 1+2+100		BER49 pur	BER49 1+1				
21 °C		14.30									
<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
21 °C									07.45	10.30	
<b>ILFORD</b>	ID-11 pur	ID-11 1+1	ID-11 1+3	Microphen pur	Microphen 1+1	Microphen 1+3	Perceptol pur	Perceptol 1+1	Perceptol 1+3	Ifotec LC29 1+9	Ifotec LC29 1+19
21 °C	07.15	10.45		10.30	14.15					04.45	08.30
(suite)	Ifotec LC29 1+29	Ifotec DDX 1+4	Ifotec HC 1+15	Ifotec HC 1+31	Ifosol-S 1+9	Ifosol-S 1+14	Ifosol-3 1+9	Ifosol-3 1+14			
21 °C		09.30	04.45				10.00	17.30			
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
21 °C	07.15	10.45									
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
21 °C	07.45	10.30									
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
21 °C	09.30	12.00									

**Kodak 400TX à EI 1000/31°**

<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
21 °C	05.00			12.00	10.00						



# Kodak TMAX-100 - 21 °C

Kodak TMAX-100 à EI 50/18°											
<b>ARS-IMAGO</b>	FD 1+19	FD 1+39	FD 1+59								
21 °C		cf 20 °C									
<b>ROLLEI</b>	RHS 1+7	RHS 1+9	RHS 1+15	RLS 1+4	RPX-D 1+5	RPX-D 1+11	Supergrain 1+9	Supergrain 1+12	Supergrain 1+15		
21 °C				cf 24 °C							
<b>SPUR</b>	Acurol-N 1+24	Acurol-N 1+50	Acurol-N 1+70	Acurol-N 1+100	HRX 1+8	HRX 1+9	HRX 1+11	HRX 1+13	HRX 1+15	HRX 1+17	HRX 1+20
21 °C		10.00									
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
21 °C			07.00								

Kodak TMAX-100 à EI 64/19°											
<b>MOERSCH</b>	Finol 1+1+50	Finol 1+1+75	Finol 1+1+100	Tanol 1+1+100	Tanol Speed 1+1+100						
21 °C				15.30							
<b>SPUR</b>	Acurol-N 1+24	Acurol-N 1+50	Acurol-N 1+70	Acurol-N 1+100	HRX 1+8	HRX 1+9	HRX 1+11	HRX 1+13	HRX 1+15	HRX 1+17	HRX 1+20
21 °C										11.00	
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
21 °C		07.00									

Kodak TMAX-100 à EI 80/20°											
<b>AGFA</b>	Refinal	Rodinal 1+25	Rodinal 1+50	Rodinal 1+100	R09 special 1+15	R09 special 1+31	Studional 1+15	Studional 1+31	Atomal pur	Atomal 1+1	Atomal 1+2
21 °C					04.45		04.45				
<b>ILFORD</b>	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14			
21 °C							05.15	08.30			
<b>SPUR</b>	UFP 1+15	UFP 1+17	UFP 1+20	UFP 1+24	UFP 1+30	UFP 1+40	NHC 1+9	NHC 1+12	NHC 1+15	NHC 1+20	NHC 1+29
21 °C				09.00							

Kodak TMAX-100 à EI 100/21°											
<b>ADOX</b>	Adotech II 1+14	Adonal 1+25	Adonal 1+50	Adonal 1+100	Adotech III 1+9	Adotech III 1+11	ADX-II 1+17	ADX-II 1+24	Atomal 49 pur	Atomal 49 1+1	Atomal 49 1+2
21 °C								11.30			
(suite)	Silvermax 1+17	Silvermax 1+19	Silvermax 1+24	Silvermax 1+29	Silvermax 1+30	Silvermax 1+100	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19	
21 °C			10.30					07.30	10.00		
<b>AMALOCO</b>					AM-74 1+7	AM-74 1+9	AM-74 1+15	AM-74 1+19			
21 °C					04.45	05.15	06.15	09.30			
<b>ARS-IMAGO</b>	FD 1+19	FD 1+39	FD 1+59								
21 °C		cf 20 °C									
<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10					
21 °C			06.00	14.30							

<b>BERGGER</b>	BerSpeed pur	BerSpeed 1+1		PMK 1+2+100		BER49 pur	BER49 1+1					
21 °C		10.15										
<b>CLAYTON</b>	F60 1+9	F60 1+14	F60 1+19	F76 plus 1+9	F76 plus 1+14	F76 plus 1+19						
21 °C				11.45		19.00						
<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur	
21 °C			14.15			10.30			06.30	08.30	11.30	
(suite)	Fomadon P 1+1		Retro Special pur									
21 °C	17.00											
<b>ILFORD</b>	ID-11 pur	ID-11 1+1	ID-11 1+3	Microphen pur	Microphen 1+1	Microphen 1+3	Perceptol pur	Perceptol 1+1	Perceptol 1+3	Ilfotec LC29 1+9	Ilfotec LC29 1+19	
21 °C	05.30	08.30	15.30	07.45	10.30	15.15	11.30	12.15	18.00	03.30	07.15	
(suite)	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfotec-S 1+9	Ilfotec-S 1+14	Ilfotec-3 1+9	Ilfotec-3 1+14				
21 °C	10.30	06.45	03.30	07.15	08.00	15.15						
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31	
21 °C	05.30	08.30	15.30	07.00	cf 24 °C	cf 24 °C	10.30		15.30		05.30	
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96					
21 °C	06.30	08.30				04.45						
<b>MOERSCH</b>	Finol 1+1+50	Finol 1+1+75	Finol 1+1+100	Tanol 1+1+100	Tanol Speed 1+1+100							
21 °C			16.15		14.15							
<b>PATERSON</b>	Acutol 1+9	Acutol 1+10	Aculux3 1+5	Aculux3 1+9	FX-39 1+5	FX-39 1+9	FX-39 1+14	FX-39 1+19				
21 °C				08.15		07.30	10.00					
<b>ROLLEI</b>	RHS 1+7	RHS 1+9	RHS 1+15	RLS 1+4	RPX-D 1+5	RPX-D 1+11	Supergrain 1+9	Supergrain 1+12	Supergrain 1+15			
21 °C							05.45	07.15	08.00			
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9									
21 °C	05.30	07.00	08.30									
<b>TETENAL</b>	Ultrafin liquid 1+10	Ultrafin liquid 1+20	Ultrafin SF	Ultrafin SF 1+1	Ultrafin plus 1+4	Ultrafin plus 1+6	Ultrafin T-plu s 1+4	Emofin		Neofin Blau 1+16		
21 °C							10.15					
(suite)	Paranol S 1+25	Paranol S 1+50										
21 °C	10.15	25.00										

**Kodak TMAX-100 à EI 160/23°**

<b>BKA</b>	Acufine	Ethol UFG	Ethol UFG 1+5	Ethol TEC 1+15	ACU-1 1+5	ACU-1 1+10						
21 °C				17.00		12.00						











**Kodak TMAX-3200 à EI 800/30°**

<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
21 °C									09.30	13.00	
<b>ILFORD</b>	ID-11 pur	ID-11 1+1	ID-11 1+3	Microphen pur	Microphen 1+1	Microphen 1+3	Perceptol pur	Perceptol 1+1	Perceptol 1+3	Ilfotec LC29 1+9	Ilfotec LC29 1+19
21 °C	10.30										
(suite)	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14			
21 °C		07.15		07.45			06.15	10.15			
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
21 °C	10.30			09.00	cf 24 °C	cf 24 °C					07.15
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
21 °C	09.30	13.00									
<b>SPUR</b>	Acurol-N 1+24	Acurol-N 1+50	Acurol-N 1+70	Acurol-N 1+100	HRX 1+8	HRX 1+9	HRX 1+11	HRX 1+13	HRX 1+15	HRX 1+17	HRX 1+20
21 °C		14.15									

**Kodak TMAX-3200 à EI 1600/33°**

<b>FOMA</b>		R09 New 1+25	R09 New 1+50	R09 New 1+100		Foma LQN 1+10	Foma LQR 1+10	Universal 1+3	Foma Excel pur	Foma Excel 1+1	Fomadon P pur
21 °C									10.30	14.00	
<b>ILFORD</b>	ID-11 pur	ID-11 1+1	ID-11 1+3	Microphen pur	Microphen 1+1	Microphen 1+3	Perceptol pur	Perceptol 1+1	Perceptol 1+3	Ilfotec LC29 1+9	Ilfotec LC29 1+19
21 °C	10.30			08.30	12.45						07.45
(suite)	Ilfotec LC29 1+29	Ilfotec DDX 1+4	Ilfotec HC 1+15	Ilfotec HC 1+31	Ilfosol-S 1+9	Ilfosol-S 1+14	Ilfosol-3 1+9	Ilfosol-3 1+14			
21 °C		08.30		08.00			07.45	12.00			
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
21 °C	11.30			10.00							08.00
(suite)	XTOL	XTOL 1+1	XTOL 1+2	XTOL 1+3	DK-50 1+1	D-19	D-96				
21 °C	10.30	14.00									
<b>ROLLEI</b>	RHS 1+7	RHS 1+9	RHS 1+15	RLS 1+4	RPX-D 1+5	RPX-D 1+11	Supergrain 1+9	Supergrain 1+12	Supergrain 1+15		
21 °C				cf 24 °C							





Kodak Double-X à EI 400/27°											
<b>ILFORD</b>	ID-11 pur	ID-11 1+1	ID-11 1+3	Microphen pur	Microphen 1+1	Microphen 1+3	Perceptol pur	Perceptol 1+1	Perceptol 1+3	Ifotec LC29 1+9	Ifotec LC29 1+19
21 °C	<b>08.30</b>			<b>08.00</b>							
<b>KODAK</b>	D-76 pur	D-76 1+1	D-76 1+3	TMAX-dev 1+4	TMAX-dev 1+7	TMAX-dev 1+9	Microdol-X	Microdol-X 1+1	Microdol-X 1+3	HC-110 (A) 1+15	HC-110 (B) 1+31
21 °C	<b>08.30</b>			<b>05.45</b>							<b>06.15</b>
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
21 °C		<b>08.15</b>									

Kodak Double-X à EI 800/30°											
<b>ILFORD</b>	ID-11 pur	ID-11 1+1	ID-11 1+3	Microphen pur	Microphen 1+1	Microphen 1+3	Perceptol pur	Perceptol 1+1	Perceptol 1+3	Ifotec LC29 1+9	Ifotec LC29 1+19
21 °C				<b>09.30</b>							
<b>SPURSINN</b>	SAM classic 1+5	SAM classic 1+7	SAM classic 1+9								
21 °C		<b>11.30</b>									

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Les marques utilisées dans cette page sont des marques déposées appartenant à leurs fabricants respectifs

Tables mises à jour le 26 décembre 2024

LÉGENDE :

**vert** : temps autres températures que 20° C modifiés par coefficient

**or** : temps autres températures que 20° C donnés par les fabricants