



MINISTER OF HIGHER EDUCATION, SCIENCE AND TECHNOLOGY
NUSA CENDANA UNIVERSITY
FACULTY OF ANIMAL HUSBANDRY

LABORATORY OF BIOLOGY OF REPRODUCTION AND ANIMAL HEALTH

Jl. Adisucipto, Penfui - Kupang, Tel. 0380 - 881638

EQUIPMENT LIST AND CONDITION POSITION 3 MARCH 2025

Most of the equipment in the Biology of Reproduction and Animal Health Laboratory (BIOREP) is old equipment that was procured before 2011. The equipment basically functioned to support the implementation of laboratory activities, both related to the field of reproduction and the field of livestock health. Some of the equipment is still functioning well, but some of it is severely damaged either due to unstable electric current voltage, or due to the old age of the equipment. The list and condition of the equipment are listed in Table 1.

Table 1. Equipment list and condition

No.	Tool Name/Brand	Brand	Total	Unit	Year of Procurement	Conditions	
						Good	Broken
1.	Micro centrifuge	Sanyo	1	unit	< 2010	√	
2.	Centrifuge	Nuve	2	unit	< 2010	√	
3.	Haemocytometer	Mairienfield	1	unit	< 2010		√
4.	Incubator	Gallenkamp	1	unit	< 2010		√
5.	Incubator	Carbolite	1	unit	< 2010		√
6.	CO2 Incubator	Galaxy 170R	1	unit	< 2010		√
7.	Computer	Lenovo	1	unit	< 2010		√
8.	Luminary Flow	CR-V-12	1	unit	< 2010		√
9.	Micropipette 1000ul	Eppendorf	1	unit	< 2010	√	
10.	Microscope	Primostar	1	unit	< 2010		√
11.	Microscope	Optics	12	unit	< 2010	√10	√2
12.	Stereo microscope	Zeiss	1	Unit	< 2010	√	
13.	Oven & Incubator	memmert	1	Unit	< 2010		√
14.	Oven	Nuve	1	Unit	< 2010		√
15.	Oven	Civilab	1	Unit	< 2010	√	
16.	Stirrer	Stuart	1	Unit	< 2010		√
17.	Water Bath		1	Unit	< 2010	√	
18.	Hot plate + magnetic stirrer	Stuart	1	unit	2011	√	
19.	Autoclave	Tomy	1	unit	2011	√	
20.	Micro centrifuge	Iletich	2	unit	2011	√	
21.	Spectrophotometer	Savas	1	Unit	2011	√	
22.	Inverted microscope	Axio, Zeiz	1	Unit	2011		√
23.	3000 watt stabilizer	ICA	1	Unit	2011	√	
24.	Hematology analyzer	onelab	1	Unit	2018	√	



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25.	Cow-made vagina		1	Unit	2018		√
26.	Horse-made vagina		1	Unit	2018		√
27.	Vagina goat-made		2	Unit	2018		√
28.	Hematology analyzer	Caretium	1	Unit	2021	√	
29.	Air cooled chiller	Star Cool	1	Unit	2022	√	
30.	1000 watt stabilizer	ICA	1	Unit	2022	√	
31.	5000 watt stabilizer	ICA	1	Unit	2022	√	
32.	Scales Digital Analytical		1	Unit	2022	√	
33.	pH meter	Eutech	1	Unit	2022	√	
34.	pH meter	Amtast	1	Unit	2022	√	
35.	Refrigerator		1	Unit	2021	√	
36.	Androscope		1	Unit	2024	√	
37.	Colony counter		1	Unit	2024	√	
38.	Autoclave	GEA Medical	1	Unit	2024	√	
39.	Luminary Flow		1	Unit	2024	√	
40.	Incubator	memmert	1	Unit	2024	√	
41.	Camera Microscope		2	Unit	2024	√	

Kupang, March 3, 2025
Head of Laboratory,

TTD
Dr. Ir. Thomas Mata Hine, M.Si
NIP. 19660505 199203 1 003



NUSA CENDANA UNIVERSITY
FACULTY OF ANIMAL HUSBANDRY, MARINE AND FISHERIES

Animal Product Technology Laboratory

Jl. Adisucipto, Penfui- Kupang, Tel. 0380 - 881638

INVENTORY OF GOODS OF LIVESTOCK
PRODUCT TECHNOLOGY LABORATORY

NO	ITEM NAME (BRAND)	YEAR OF PURCHASE OF GOODS	QUANTI TY OF GOODS	CONDITION OF ITEMS		
				OK	LIGHTLY DAMAGED	HEAVY DAMAGE
1	Refrigerator (Sharp)	2015	1	✓		
2	AC (Panasonic)	2015	1			✓
3	Electric grill (heavy duty)		1			✓
4	Meatball making equipment (Aero CYL-300)	2011	1			✓
5	Ice cream making equipment (BQL-12Y)	2011	1		✓	
6	Sausage making equipment (Aero CYL-200)	2011	1			✓
7	Cooking oil press	2021	1	✓		
8	Egg hatcher (Multiquip)		1			✓
9	Water binding capacity measuring instrument (modified)	2013	1		✓	
10	Meat measurement tool	2013	1			✓
11	Egg quality measurement tool	2013	1	✓		
12	Meat pH meter (Hanna)	2013	1	✓		
13	Blender	2013	2			✓
14	Dispenser (Miyako)	2018	2	✓		
15	Drom smoking meat	2008	1		✓	
16	Freezer (Artugo)	2021	1	✓		
17	Freezer (Modena)	2016	1	✓		
18	Freezer (X)	2013	3			✓
19	Measuring cup		4	✓		
20	Electric stove (NV-004)		1			✓
21	Refrigerator (National)	2013	1			✓
22	KA-Lab / Laboratory Chair		2		✓	

23	Glass cabinet		2	✓		
24	Wooden cabinet		4			✓
25	Table		7			✓
26	KA-Lab / Laboratory Table		2		✓	
27	Computer desk (Oggi)		1		✓	
28	Ice cream making machine		1			✓
29	Meat slicing machine (Getra)		1			✓
30	Mixer (Cosmos)	2021	1	✓		
31	Oven (sanyo)	2013	1			✓
32	Meat milling	2013	1		✓	
33	Printer (Epson L3210)	2021	1	✓		
34	Bookshelf		2		✓	
35	Rice cooker (Yongma)	2016	1	✓		
36	12 kg gas cylinder		2	✓		
37	Extinguisher (Secure)		2			✓
38	Test tube		20		✓	
39	Thermometer		2	✓		
40	Analytical balance 0.0001 g (U.S. Solid)	2021	1	✓		
41	1kg digital scale (Wj- B05)	2018	1	✓		
42	5 kg manual scale	2018	1		✓	
43	300 kg centimal scale (Radjin)		1		✓	
44	Vacuum (DZ-280A)		1			✓
45	Vacuum (DZQ 400/500/600)	2021	1			✓
46	Waterbath (thermologic)	2013	1	✓		
47	Vacuum sealer (DZ-260 GETRA)	2022	1	✓		
48	Meat milling machine (FOMAC MMX-TQ5S)	2022	1	✓		
49	Grilling machine (BBQ SPIT ROASTER WITH LID)	2022	1	✓		
50	50 kg steam machine	2022	1	✓		
51	20 kg press machine	2022	1	✓		
52	Drying machine	2022	1	✓		
53	20 kg fish/cow meat milling machine	2022	1	✓		
54	Flour milling machine	2022	1	✓		
55	Sealer machine (FR-800 PV)	2022	1	✓		

56	Oven (Mettler)	2024	1	✓		
57	Texture analyzer (LabGeni)	2024	1	✓		
58	pH meter (hanna)	2024	1	✓		
59	Color meter	2024	1	✓		

SAFETY AND SECURITY TOOLS IN THE ENT LABORATORY

- 1. Laboratory Coat**
- 2. Gloves**
- 3. Masks**
- 4. APAR (Light Fire Extinguisher)**
- 5. First aid kit**

➤ Safety procedures in the laboratory

Another thing that must also be considered when working in the lab is related to its safety procedures. some safety procedures in the laboratory include;

- **Wearing safety equipment.**
- **Remove jewelry that is easily damaged when exposed to chemicals.**
- **It is forbidden to use laboratory equipment without notification from the head of the laboratory or the laboratory assistant.**
- **Mixing chemicals without authorization or outside the instruction manual is prohibited.**
- **Use appropriate tools and materials.**
- **Clean up or dispose of debris after working in the lab, Clean the work table, Wash hands with soap and running water until clean,**
- **Turn off gas and electrical appliances after use.**

Kupang, February 21, 2023
Knowing
An. Dean,
Head of Animal Product Technology Laboratory

A handwritten signature in blue ink, appearing to be 'ms' followed by a flourish.

Ir. Geertruida M. Sipahelut, M.Si.
NIP. 19630612 199103 2 003